

PLANNING AND ACCOMPLISHMENT NARRATIVE
WETLAND MANAGEMENT DISTRICT
P. O. BOX 294
FERGUS FALLS, MINNESOTA

July 1, 1972 to June 30, 1973

PERMANENT PERSONNEL

Maryn Mansfield	- Wetland Manager
Richard Nord	- Assistant Wetland Manager
Richard Tolbers	- Assistant Wetland Manager (Trainee)
Luther Melby	- Maintenance Man
Wayne Enquist	- Biological Technician
Richard Joarnt	- Biological Technician*
Inga Mae Urke	- Clerk-Steno

TEMPORARY PERSONNEL

Jerome Reger	- Biological Aid
Thomas U'Ren	- Biological Aid
George Heglund	- Biological Aid
Lewis Young	- Biological Aid
Gary Tischer	- Biological Aid
Charles Vukonich	- Biological Aid
Paula Schultz	- Biological Aid

* Transferred to Benson WMD on 1/8/73

Approved, Regional Office

Submitted by:

Signature

Signature

Title

Wetland Manager
Title

Date

January 17, 1974
Date

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(See Station files)

PART I - REFUGE HIGHLIGHT STATEMENT

Heavy thunderstorms in July, 1972, dumped nearly 5 inches more than the normal rainfall on the eastern portion of this district. Several complaints were received from private landowners regarding excess water on easement lands. Many ditches, tiles and culverts were temporarily inadequate to accomodate the unusual amount of run-off.

Total precipitation for the fiscal year was 3 inches less than normal, but marsh levels remained adequate throughout the period. Precipitation for the first six months of 1973 was 5.5" below normal. June was the real culprit, being 2.5" short of the norm. Although temperatures were unusually cold in December, the remainder of the winter and spring was much warmer than normal. The snow pack was reduced to 3 inches by mid January and only a trace remained after March 2nd.

During the fiscal year, fee and easement acquisition slowed down considerably. About 718 acres (7 units) were traded to the State of Minnesota for lands added to Sherburne NWR. Considering the land lost in the exchange and the limited amount of acquired lands, the net acreage increase was only 126 fee acres and 115 easement wetland acres. We now manage 25,371 fee acres (176 units), and 9,647 easement acres.

This being the first summer after moving into the new headquarters site, much work was done around the place to get it in shape for our use. A 1,000 gallon gasoline tank and pump, an air conditioner, and two fiber-glas overhead garage doors were installed. The parking area was graded to prevent water from draining into the office building. It was then covered with crushed rock. A stone-based office recognition sign was built near the front approach. A concrete slab was poured at the south entrance of the storage building. The building was also wired for overhead lights, and a seed storage bin was built inside. A flagpole was erected in front of the office.

Using our equipment and manpower, we seeded down 63 $\frac{1}{4}$ acres of cropland on 19 units. A legume-grass mix (DNC) was seeded on 44 $\frac{1}{2}$ acres, while 19 $\frac{1}{2}$ acres were seeded to native grasses. No Cooperative Farming Agreements were used for any of the seeding.

A total of 484 acres of thistles were mowed on 33 units. Six of these (136 acres) were mowed under contract, the rest was done by the Bureau. In addition, almost 10.5 miles of road shoulders were mowed (by contract) for snow control. Seventeen units were spot treated with Tordon beads or pellets for leafy spurge control. The area of these spots totaled about 23 acres. Approximately 120 acres of sow thistle, 30 acres of Canada thistle and 20 acres of leafy spurge were aerial sprayed during this fiscal year.

Forty-nine buildings (on eight tracts) were put up for bid sale in April, 1973. All but three were sold, with total receipts amounting to \$4,424.46.

An operator/dozer was contracted to complete the renovation of six building sites. Building foundations, farm dumps, well pits, and piles of old fence posts and wire (removed from the fields in prior years) were covered. A sizeable abandoned township dump on one WPA was also covered. A hazardous underground fuel storage tank was filled, and 3/4 mile of interior fence was removed.

Eight ditches and two tile lines were plugged, and two spillways were raised, resulting in the restoration of about 19.4 acres of drained marshes. Two miles of barbed wire fence was constructed which included six boundary fence projects and five parking lots.

Regular signs were installed on nearly 29 miles of boundary on 24 units, while 50 miles of closed area boundaries were checked and necessary signs replaced. Seven floating goose nesting platforms were built and placed on several local WPA's. Two of these brought off goose broods.

On May 11, 1973, over 2,600 ash, maple, pine, cedar, spruce and crab apple seedlings were planted on the Townsend WPA as cooperative shelterbelt program with the Soil Conservation Service. They furnished the seedlings, one man and the planter, and the Bureau furnished the site, one man and a tractor to pull the planter.

PART II - REFUGE ACCOMPLISHMENTS

The following is a discussion of output elements that deviated + or - 25% between the planned and accomplished units during FY 1973.

EDUCATION (STUDENTS) - Planned 900 activity hours, but only 165 were recorded, resulting in an 81% deficit. Whether this deficit is real or not is not known, as many of the local schools are aware that most WPA's are available for environmental classroom studies. However, the degree to which the schools use the WPA's for this purpose is not known, as an effective reporting or recording system for such use has not yet been developed. The 165 activity hours recorded as accomplished were only those where a Bureau employee was involved with the classes in the field.

PROFESSIONAL SERVICES RENDERED - Planned 45 activity hours but only 8 were recorded, resulting in an 82% deficit. Without promoting this service, it was anticipated that requests would be generated from at least one of the four major colleges during the year. However, this demand did not materialize.

HUNTING RESIDENT GAME - Of the 13,500 activity hours planned, only 9,643 were accomplished, which resulted in a 28% deficit. The demand

was lower than expected for pheasant hunting, which is the main activity in this category. Low pheasant populations caused the state to close the season locally during the two previous years. Pheasant populations had increased to some extent in localized areas by the fall of 1972, but not enough to attract hunters in numbers large enough to prevent the deficit.

WILDLIFE OBSERVATION - A 73% deficit occurred between the 660 activity hours planned and the 177 recorded. It is difficult to census this type of use on 175 units scattered over four counties. Also, it is entirely possible that the objective level is too high. A close look will be taken to see if the objective should be lowered.

WILDLIFE APPRECIATION - A 55% deficit occurred between the 2,640 activity hours planned and the 1,167 recorded. The explanation of this deviation is the same as the preceding category.

<u>PUBLIC AFFAIRS</u>	<u>PLANNED</u>	<u>ACCOMPLISHED</u>
Radio Programs	12	3
TV Programs	2	1
Newspaper Articles	12	3
Other Articles	0	1
Total Programs	<u>26</u>	<u>8</u>

Initially we planned 26 programs or news articles, but only 8 were accomplished. This deficit of 69% is the result of planning too many programs and it is not practical to reach the present objectives. These objectives will soon be revised to make them more realistic.

BANDING - A 100% deficit regarding the one and only planned banding program occurred this year. This occurred because the new banding permit and leg bands were not received until after the planned banding period was over. A dove banding program was, however, initiated during FY 1974.

THREATENED SPECIES - An estimated one thousand prairie chicken use-days were accomplished, however, this was an 80% deficit from the 5,000 planned use-days. It is believed now that the 5,000 use-day figure is excessive, and it will have to be reduced to a more realistic level.

SPECIAL RECOGNITION SPECIES - Over 3,700,000 use-days were planned, however, only just over 1,877,000 use-days were recorded for the year. This was a 49% deficit. The planned figure had been based on a rough estimate without supporting census data. Weekly wildlife counts implemented for the first time during this fiscal year provides some data to aid in estimating the use-days. Planned use-days for groups such as grebes, gulls and herons were moderately over-estimated. Terns were grossly over-estimated by about 800,000 use-days, while shorebirds were over-planned by 503,000 use-days. However, this group can fluctuate enormously from year to year, depending on marsh water levels and the

availability of mud flats. The summer and fall of 1972 were wet, marshes were high, and thus the expected shorebird use was reduced.

WATERFOWL MAINTENANCE - A 28% deficit from the planned 3,263,000 use-days occurred during this fiscal year. Through the implementation of a weekly census, it was determined that only 2,326,650 waterfowl use-days did occur. The planning figure was a rough estimate without supporting data, and we believe the accomplished figure for FY 1973 is more reliable.

WATERFOWL PRODUCTION - Planned waterfowl production was 16,050 birds. About 6,010 was the reported production accomplishment, however, this figure was based on pair counts and weekly observations on fee owned lands only. Easement wetlands were inadvertently overlooked in the reported accomplishment. Thus, if the 4,800 birds estimated to have been produced on the easement lands were added, the total production would have been reported as 10,810 birds. This addition reduces the deviation between planned and accomplished from 62% to 32%. The remaining 32% deviation is the result of a high planned production figure and low production resulting from a low breeding population.

ECONOMIC BENEFITS - HAYING AND GRAZING - Long time grazing permittees were expected to return about \$320.00 in benefits during this fiscal year. The grazing program was in the process of being phased out during the period, resulting in only \$151.00 received. All these permits have since been terminated and none are planned for the future.

PART III - APPENDIX

See station files.

FY-1973

Aug. 1973

FEB 21 1974

FERGUS FALLS W.M.D.

02-3545-00-FW

NATIONAL WILDLIFE REFUGE SYSTEM
PEAK MONTHLY WATERFOWL POPULATIONS

New

Eugene D. Johnson and Whipple

SPECIALLY PLACED

SPECIALLY RECOGNITION

WINGING DUCK

WATERFOWL MAINTENANCE

SPRING SWAN

SWANS

LESSER SNOW GOOSE

CANADA GEESE

GOLDEN CANADA GOOSE

DUCKS

COPPER MURKANSER

REDHEAD MURKANSER

SHOVELER

AMERICAN WIGEON

GREEN-WINGED TEAL

BLUE-WINGED TEAL

SHOVELER

AMERICAN WIGEON

GREEN-WINGED TEAL

SHOVELER

JUL 72

AUG 72

SEP 72

OCT 72

NOV 72

DEC 72

JAN 73

FEB 73

MAR 73

APR 73

MAY 73

JUN 73

100

100

100

100

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FEB 21 1974

NATIONAL WILDLIFE REFUGE SYSTEM
WILDLIFE USE REPORT
(WATERFOWL ONLY)

FY-73

FERGUS FALLS W.M.D.
03-3545-00-FFW

***** USE DAYS ***** FY-NO. FY-NO. FY-PEAK

LINE CODE JUL-SEP 72 OCT-DEC 72 JAN-MAR 73 APR-JUN 73 FY TOTAL PRODUCED HARVESTED POPULATION DATE

WATERFOWL PRODUCTION

SPECIES NAME
NON-OUTPUT SPECIES

AMERICAN COOT 080 2210 0 0 0 0 3100 0

SPECIAL RECOGNITION

BIRDS
AMERICAN COOT

711 2210 165000 0 0 0 165000 0 0 0 5700 07/31

WATERFOWL MAINTENANCE

SWANS
WHISTLING SWAN

731 1800 0 150 0 0 150 0 0 0 30 10/31

GEES

LESSER-SNOW GOOSE
CANADA GOOSE
GIANT CANADA GOOSE

732 1690 0 300 0 0 300 0 0 0 100 10/20
732 1720 300 0 0 0 300 0 0 50 09/30
732 1723 2100 0 0 0 2100 0 0 100 07/01

DUCKS

COMMON Merganser
HOODED Merganser
MALLARD
GADWALL

733 1290 0 150 0 0 150 0 0 0 25 11/12
733 1310 150 0 0 0 150 0 0 0 10 09/30
733 1320 66000 0 0 0 66000 0 0 0 2500 07/31
733 1350 10500 0 0 0 10500 0 0 0 375 07/31
AMERICAN WIDGEON 5400 0 0 0 5400 0 0 0 200 07/31
GREEN-WINGED TEAL 733 1370 0 0 0 0 0 0 0 0 0 0
733 1390 2250 0 0 0 2250 0 0 0 100 07/31
BLUET-WINGED TEAL 733 1400 0 0 0 0 0 0 0 0 0 0
SHOVELER 733 1420 11250 0 0 0 11250 0 0 0 4700 07/31
PINTAIL 733 1430 11250 0 0 0 11250 0 0 0 400 07/31
WOOD DUCK 733 1440 9000 0 0 0 9000 0 0 0 350 07/31
RED HEAD 733 1460 15000 0 0 0 15000 0 0 0 1500 07/31
CANVASBACK 733 1470 2700 0 0 0 2700 0 0 0 100 07/31
LESSER SCAUP 733 1490 6000 0 0 0 6000 0 0 0 225 07/31
RING-NECKED DUCK 733 1500 5400 0 0 0 5400 0 0 0 200 07/31
COMMON GOLDENEYE 733 1510 600 0 0 0 600 0 0 0 60 10/25
BUFFLEHEAD 733 1530 300 0 0 0 300 0 0 0 15 07/31
RUDDY DUCK 733 1670 20250 0 0 0 20250 0 0 0 700 07/31

REFUGES

1
RBM

2

3

4



FY-1973

Augus 1973

NATIONAL WILDLIFE REFUGE SYSTEM

WATERFOWL USE DAYS



FERGUS FALLS N.W.R.
D-3-354D-30-FF-4

JUL
1972-

OCT 1972-
DEC 1972

JAN 1973-
MAR 1973

APR 1973-
JUN 1973

12 MONTH
TOTAL

SPECIES NAME
SPECIAL RECOGNITION

BIRDS

AMERICAN COOT

630,000

39,300

339,000

1,003,900

NATURAL MAINTENANCE

SWANS

WHISTLING SWAN

300

300

600

GESELS

LISHER-SNIPER GOOSE

0

0

0

CANADA GOOSE

300

600

600

GLORY CANADA GOOSE

5,600

2,160

4,050

DUCKS

COMMON MEGANSER

0

0

150

HORNED MEGANSER

150

450

0

RED DUCK

126,000

1,650

150

GRASSHOPPER DUCK

22,500

1,050

0

GREEN-WINGED TEAL

17,450

2,400

0

BLUE-WINGED TEAL

6,150

750

0

SURF SCOTER

3,900,000

3,150

300

PINTAIL

26,250

2,400

0

WHITE ROCK

21,750

1,650

0

RING-BILLED GULL

22,500

4,500

150

CARIBOU GULL

26,100

3,900

150

LAYSAN SCAUP

8,400

1,800

0

WHITE-FACED DUCK

18,900

6,000

0

COMMON GOLDENEYE

13,150

5,100

0

BUFFLEHEAD

900

7,500

450

ROTCY DUCK

4,7250

1,200

0

REFUGES

REFUGES

TOTAL SWANS

1,190

300

300

TOTAL GESELS

6,900

600

4,050

TOTAL DUCKS

657,300

53,700

557,250

TOTAL WATERFOWL

2

3

3

FY-1973

NATIONAL WILDLIFE REFUGE SYSTEM
PUBLIC USE REPORT

PREVIOUSLY ACT HRS BY MONTH

FERGUS FALLS W.M.D.
03-3545-00-FFW

ACTIVITY NAME

JUL-72 AUG-72 SEP-72 OCT-72 NOV-72 DEC-72 JAN-73 FEB-73 MAR-73 APR-73 MAY-73 JUN-73

INTERPRETATION

OTHER PROGRAMS

68

60

167

52

56

410

143

219

1

1175

EDUCATION

STUDENTS

PROF SERVICES RENDERED

165

8

165

3

110

117

117

117

117

117

117

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117

RECREATION-WILDLIFE WILDLANDS

HUNTING MIGRATORY BIRDS

DUCKS

GEUSE

GENERAL WATERFOWL

HUNTING MIG BIRDS-OTHER

HUNTING RESIDENT GAME

UPLAND GAME BIRDS

BIG GAME, DEER-GUN

WHITE-TAILED DEER

BIG GAME, DEER-BOW

WHITE-TAILED DEER

SMALL GAME

OTHER GAME

FISHING

WARM WATER

OTHER CONSUMPT W/W REC

WILDLIFE OBSERVATION

FOOT

AUTO

WILDLANDS APPRECIATION

FOOT

AUTO

PHOTOGRAPHY

32800

320

320

120

75

75

75

3400

2430

1700

2

10

20

40

2430

34500

320

320

370

5275

576

1050

310

890

60

97

10

12

25

10

80

100

40

40

605

40

562

562

10

2

66

180

75

214

145

112

260

102

1470

This is
news

FEB 21 1974

12 MONTH

TOTAL

REGIONS

3

REFUGES

1

2

3

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13

14

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FY - 1973

NATIONAL WILDLIFE REFUGE SYSTEM
PUBLIC USE REPORT

FERGUS FALLS W.M.D.
03-3545-00-FFW

Previously
Received

This is
New

ACTIVITY NAME

JUL-72 AUG-72 SEP-72 OCT-72 NOV-72 DEC-72 JAN-73 FEB-73 MAR-73 APR-73 MAY-73 JUN-73

12 MONTH
TOTAL

	JUL-72	AUG-72	SEP-72	OCT-72	NOV-72	DEC-72	JAN-73	FEB-73	MAR-73	APR-73	MAY-73	JUN-73	12 MONTH TOTAL
TOTAL WILDLIFE ORIENTED	318	315	1005	36493	7973	283	323	236	431	345	837	302	48861
TOTAL NON-WILDLIFE ORIENTED	132	122	118	47		135	60	35				15	664
TOTAL PUBLIC USE	450	437	1123	36540	7973	418	383	271	431	345	837	317	49525
NO. VISITS TO REFUGE	300	350	850	8400	1500	500	200	100	30	300	550	200	13200

NATIONAL WILDLIFE REFUGE SYSTEM
REPORT OF MISCELLANEOUS OUTPUTS
FY-73

FERGUS FALLS W.M.D.
03-3545-00-FFW

TYPE OF OUTPUTS	UNITS	FY TOTAL
PROFESSIONAL SERVICES	PROGRAM	1
OTHER COOPERATIVE PROGM	ACRE	34,785
ENVIRJNMENTAL PRESERVATION	NO. SPECIES	320
NATURAL ENVIRONMENTS PRESR		
MISCELLANEOUS WILDLIFE OUTPUTS		
WILDLIFE DIVERSITY		



REFUGES
1 <u>Par</u>
2 <u>Ran</u>
3 <u>St</u>
4 <u> </u>

Lugus Tree 2000

NATIONAL WILDLIFE REFUGE SYSTEM
REPORT OF ECONOMIC OUTPUTS - FY 73
(IN DOLLARS)

FERGUS FALLS W.M.D.

03-3545-JJ-FEW

TYPE OF BENEFIT	JUL-SEP 72	OCT-DEC 72	JAN-MAR 73	APR-JUN 73	FY TOTAL
REFUGEE RECEIPTS					
GROWING					
TOTAL	0.00	0.00	0.00	0.00	0.00
	0.00	150.81	0.00	150.81	150.81
	150.81	0.00	0.00	0.00	150.81

REFUGEE RECEIPTS

GROWING

TOTAL

0.00

150.81

0.00

0.00

150.81

1	<i>[Signature]</i>
2	<i>[Signature]</i>
3	<i>[Signature]</i>
4	<i>[Signature]</i>



Singer, Sue M.

*Fergus Falls
2/22/74*

NATIONAL WILDLIFE REFUGE SYSTEM
AVERAGE MONTHLY WATERFOWL POPULATIONS

FERGUS FALLS W.M.D.
03-3545-00-FFW



SPECIES NAME

SPECIAL RECOGNITION

BIRDS

AMERICAN COOT

	JUL 72	AUG 72	SEP 72	OCT 72	NOV 72	DEC 72	JAN 73	FEB 73	MAR 73	APR 73	MAY 73	JUN 73
5500	5500	5500	5500	5500	5500	5500	5500	5500	5500	5500	5500	5500

WATERFOWL MAINTENANCE

SWANS

WHISTLING SWAN

	JUL 72	AUG 72	SEP 72	OCT 72	NOV 72	DEC 72	JAN 73	FEB 73	MAR 73	APR 73	MAY 73	JUN 73
0	0	0	0	0	0	0	0	0	0	0	0	0

DUCKS

COMMON MEGANSER

HODGE MERGANSER

MALLARD

CADWALL

AMERICAN WIGEON

GREEN-WINGED TEAL

BLUE-WINGED TEAL

SHOVELER

PINTAIL

KOOG DUCK

RFG FLAD

CANVASBACK

LESSER SCAUP

RING-NECKED DUCK

COMMON GOLDENEYE

BUFFLEHEAD

RUDY DUCK

	JUL 72	AUG 72	SEP 72	OCT 72	NOV 72	DEC 72	JAN 73	FEB 73	MAR 73	APR 73	MAY 73	JUN 73
TOTAL SWANS	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL GEESE	70	50	110	85	25	8	8	28	10	40	40	40
TOTAL DUCKS	10010	6760	5140	1510	280	0	0	1145	5945	5920	5920	6710
TOTAL WATERFOWL	10080	6810	5250	1595	305	0	0	1165	5985	5960	5960	6775

NATIONAL WILDLIFE REFUGE SYSTEM
PUBLIC USE REPORT

VISITS BY MONTH

FERGUS FALLS W.M.D.
03-3545-00-FFW

ACTIVITY NAME JUL-72 AUG-72 SEP-72 OCT-72 NOV-72 DEC-72 JAN-73 FEB-73 MAR-73 APR-73 MAY-73 JUN-73 12 MONTH TOTAL

INTERPRETATION

OTHER PROGRAMS

EDUCATION

STUDENTS

PROF SERVICES RENDERED

RECREATION-WILDLIFE WILDLANDS

HUNTING MIGRATORY BIRDS

DUCKS

GEESE

GENERAL WATERFOWL

HUNTING MIG. BIRDS-OTHER

HUNTING RESIDENT GAME

UPLAND GAME BIRDS

BIG GAME, DEER-GUN

WHITE-TAILED DEER

BIG GAME, DEER-BOW

WHITE-TAILED DEER

SMALL GAME

OTHER GAME

FISHING

WARMWATER

OTHER CONSUMPT W/W REC

WILDLIFE OBSERVATION

FOUNT

AUTO

WILDLANDS APPRECIATION

FOOT

AUTO

PHOTOGRAPHY

RECREATION NON-WILDLIFE

CAMPING

PICNIC KING

OFF-ROAD VEHICLING

OTHER NON W/W ORIENTED

TOTAL INTERPRETATION

TOTAL EDUCATION

TOTAL HUNTING

TOTAL FISHING

TOTAL OTHER W/W RECREATION

34 120 81 81 47 508 143 227

120 81 81 47 508 143 227

2 50 200 100 50 30 30 30

50 200 100 50 30 30 30

5 10 50 50 10 10 10 10

100 150 80 40 20 10 10 10

300 400 400 200 100 50 50 50

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165 165 165 165 165 165 165

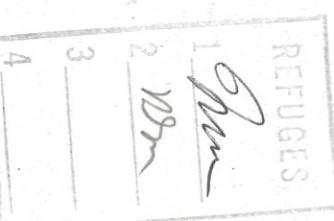
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Lueger Jan 2008

NATIONAL WILDLIFE REFUGE SYSTEM
PUBLIC USE REPORT

FERGUS FALLS, M.N.D.
03-3545-00-Few

VISITS BY MONTH

ACTIVITY NAME	JUL-72	AUG-72	SEP-72	OCT-72	NOV-72	DEC-72	JAN-73	FEB-73	MAR-73	APR-73	MAY-73	JUN-73	12 MONTH TOTAL
TOTAL WILDLIFE ORIENTED	469	590	1080	9503	2032	195	225	187	545	513	1083	358	15774
TOTAL NON-WILDLIFE ORIENTED	102	92	73	17		510	210	110				20	1154
TOTAL PUBLIC USE	571	682	1153	9520	2032	705	435	297	545	513	1083	3721	17900
NO. VISITS TO REFUGE	300	350	850	8400	1500	500	200	100	30	300	550	200	13280



NATIONAL WILDLIFE REFUGE SYSTEM
WILDLIFE USE REPORT
(EXCLUDING WATERFOWL)

FY-73

FERGUS FALLS W.M.D.
03-3545-00-FFW

***** USE DAYS *****
LINE CODE JUL-SEP 72 OCT-DEC 72 JAN-MAR 73 APR-JUN 73 FY TOTAL

FY-NO. HARVESTED POPULATION DATE

OTHER BIRD-MIG & RESORT

NON-OUTPUT SPECIES

	FY-NO.	FY-PEAK
RUFFED GROUSE	071 3000	0
RING-NECKED PHEASANT	071 3091	0
COMMON CROW	071 4880	0

NON-OUTPUT SPECIES

	FY-NO.	FY-PEAK
BEAVER	072 8100	0
MUSKRAT	072 8235	0
RED FOX	072 8290	0
RACCON	072 8355	0
STRIPED SKUNK	072 8430	0
WHITE-TAILED DEER	072 8540	0

THREATENED SPECIES

	FY-NO.	FY-PEAK
GATE	0	0
No. GREATER PRAIRIE CHICKN	702 3050	0

STATUS-UNDETERMINED

	FY-NO.	FY-PEAK
SURROUNDING OWL	704 3780	0

SPECIAL RECOGNITION

BIRDS	FY-NO.	FY-PEAK
PIC-BILLED GREEF	711 0060	80000
COMMON LOON	711 0070	1500
HEPPING GULL	711 0510	25000
RING-BILLED GULL	711 0540	50000
FRANKLIN'S GULL	711 0590	160000
CASPIAN TERN	711 0640	45000
FOOTER'S TERN	711 0690	4500
COMMON TERN	711 0700	150000
BLACK TERN	711 0770	540000
DOUBLE-CRESTED CORMORANT	711 1200	300
WHITE PELICAN	711 1250	2500
AMERICAN BITTERN	711 1900	0
GREAT BLUE HERON	711 1940	42000
COMMON EGRET	711 1960	4500
GREEN HERON	711 2010	2000
BLACK-CROWNED NIGHT HERON	711 2020	4000
GREATER SANDHILL CRANE	711 2060	300
WILSON'S PHALAROPE	711 2240	0
		1000

Danger Game

REFUGES
Don

1
Don

2
Don

3
Don

NATIONAL WILDLIFE REFUGE SYSTEM
WILDLIFE USE REPORT
(EXCLUDING WATERFOWL)

FY=73

FERGUS FALLS W.M.D.
03-3345-00-FEW

SPECIES NAME	LINE CODE	USE DAYS				FY TOTAL PRODUCED	FYEND*	FYPEAK	POPULATION DATE
		JUL-SEP 72	OCT-DEC 72	JAN-MAR 73	APR-JUN 73				
COMMON SNipe	711 2300	80000	2000	0	30000	162000	0	0	1003 09/15
LESSER YELLOWLEGS	711 2550	8000	300	0	10000	18300	0	100	09/15
UPLAND PLOVER	711 2610	7000	0	0	0	7000	0	100	09/15
SPOTTED SANDPIPER	711 2630	45000	0	0	0	45000	0	500	09/15
KILLdeer	711 2730	17000	500	3000	75000	95500	0	300	09/15
MOURNING DOVE	711 3160	0	0	0	0	90000	0	0	1000 06/30
MARSH HAWK	711 3310	12000	7000	300	16000	35300	0	350	10/15
SHARP-SHINNED HAWK	711 3320	3000	1500	0	2000	6500	0	100	10/15
COPPER'S HAWK	711 3350	3000	1500	0	2000	6500	0	100	10/15
GASHAWK	711 3340	2000	100	0	0	300	0	0	10/15
RED-TAILED HAWK	711 3370	5000	2500	25	4000	11250	0	200	10/30
SATURNIA'S HAWK	711 3420	5	25	0	0	75	0	5	10/15
ROUGH-LEGGED HAWK	711 3470	2000	1000	0	800	3800	0	75	11/15
GOLDEN EAGLE	711 3490	0	0	0	0	10	0	2	10/15
Bald Eagle	711 3520	0	30	0	0	30	0	0	10/15
SPARROW HAWK	711 3600	10000	2500	250	12000	24750	0	300	10/01
SHORT-EARED OWL	711 3670	200	100	0	0	300	0	10	10/15
BARNED OWL	711 3680	250	125	0	0	375	0	10	10/15
SCREECH OWL	711 3730	200	100	0	0	300	0	10	10/15
CREAT HORND OWL	711 3750	5000	4000	6000	20000	0	0	75	04/10
BURROWING OWL	711 3780	100	0	0	0	100	0	2	09/30
CONTROL TOTALS		997 0000	1269800	65440	10075	532550	1968365	0	14850 00/00
TOTAL		2539600	130880	27150	1065100	3937730	0	240	

PART III - APPENDIX

1. GRASSLAND SEEDING SUMMARY - FY 1973

<u>COUNTY</u>	<u>TRACT NO.</u>	<u>DATE</u>	<u>ACRES</u>	<u>SEEDING MIXTURE AND RATE</u>
*	10 tracts *	7/1/72-12/31/74*	450.0*	* ←
Otter Tail	A. Julsrud (145)	8/28-30/72	12.0	Nat. Mix # 1 } INCLUDED HERE
Otter Tail	A. Julsrud (145)	11/1-3/72	6.0	Nat. Mix # 3 }
Otter Tail	A. Julsrud (145)	4/9-10/73	45.5	DNC
Otter Tail	A. Julsrud (145)	4/6-17/73	98.8	Nat. Mix # 3
Otter Tail	Waswick (238)	4/13/73	26.0	DNC
Otter Tail	Gilmore (286)	4/10/73	5.0	DNC
Otter Tail	Lien (283)	4/30/73	5.0	DNC
Otter Tail	Duenow (303)	4/16-19/73	74.0	DNC
Otter Tail	Staff (285)	4/11/73	17.0	DNC
Otter Tail	Kunz (292)	5/23/73	4.0	DNC
Grant	Swenson (128)	4/30/73	6.0	DNC
Grant	Spaulding(101)	4/12/73	2.0	DNC
Douglas	Botzet (192)	4/26/73	15.0	Nat. Mix # 4
Douglas	Botzet (193)	4/25/73	14.0	Nat. Mix # 4

* See 1972 Narrative Report

(SEE INDIVIDUAL TRACT FOLIOWS
FOR SPECIFICS)

* SEEDING MIXTURE AND RATE (LBS./ACRE)

<u># 1</u>	Big Bluestem	23%)
	Little Bluestem	25%)--Seeded @ rate of 7.8 lbs.
	Sideoats Grama	25%) bulk wt. per acre
	Indiangrass	27%)
	Green Needlegrass	----)---Seeded @ rate of 1.4 lbs. bulk wt. per acre

PLS/Sq. Ft.

<u># 3</u>	Indiangrass	7.8
	Sideoats Grama	3.8
	Big Bluestem	4.1
	Little Bluestem	2.3
	Green Needlegrass	1.6
	Switchgrass	5.0
	Sand Dropseed	0.5

<u># 4</u>	Indiangrass -	6.8
	Blue Grama	0.4
	Big Bluestem -	4.6
	Little Bluestem -	5.3
	Sand Dropseed	0.8
	Green Needlegrass -	3.3
	Switchgrass -	9.5

<u>DNC</u>	Dense Nesting Cover	
	Intermediate Wheatgrass	6 lbs./acre
	Alfalfa	1 lb./acre
	Sweet clover	1 lb./acre

2. MOWING SUMMARY FOR THISTLE CONTROL - FY 1973 (See 1972 Narrative Report)

3. BUILDING SALE SUMMARY - FY 1973

COUNTY	TRACT (NO.)	DATE OF BID OPENING	NO. BLDG. PUT UP FOR BID	NO. BLDG. SOLD	DOLLARS RECEIVED
Otter Tail	Scribner (248)	7/1/72	9	9	\$ 622.00
Douglas	Horstman (186)	4/20/73	4	4	430.50
Douglas	Bredesen (194)	4/20/73	6	5	36.78
Grant	Henton (126)	4/20/73	6	5	269.00
Otter Tail	Putnam (258)	4/20/73	2	1	26.50
Otter Tail	Julsrud (145)	4/20/73	7	7	213.06
Otter Tail	Staff (285)	4/20/73	6	6	1,162.87
Otter Tail	PCA (289)	4/20/73	9	9	1,663.75
TOTAL	8 tracts	2 sales	49	46	\$4,424.46

4. BUILDING SITES RENOVATED - FY 1973 (See 1972 Narrative Report)

5. INTERIOR FENCE REMOVAL - FY 1973

COUNTY	TRACT (NO.)	MILES REMOVED	DATE
Otter Tail	Baumann (223)	0.55	6/73
Otter Tail	Morrison (34)	0.20	6/73
	TOTAL	0.75	

6. MARSH RESTORATION - FY 1973

COUNTY	TRACT (NO.)	NO. DITCH PLUGS	NO. TITLE PLUGS	NO. DAMS BUILT	DATE
Otter Tail	Scribner (248)	8	-	-	
Otter Tail	Wiegers (124)	-	2	Raised 2 spillways	6/73
	TOTAL	8	2	2	

7. NEW FENCE CONSTRUCTION - FY 1973 (See 1972 Narrative Report)

8. POSTING - FY 1973 (See 1972 Narrative Report)

9. WILDLIFE FOOD PATCHES - FY 1973 (See 1972 Narrative Report)

10. WILDFIRES - FY 1973

<u>COUNTY</u>	<u>TRACT (NO.)</u>	<u>DATE</u>	<u>ACRES BURNED</u>
Otter Tail	Fabian (30)	10/19/72	8.4
Otter Tail	Townsend (287)	4/28/73	3.6

11. GRAZING DATA SUMMARY - FY 1973 (See 1972 Narrative Report)

12. HAYING, FUR HARVEST, SPECIAL USE PERMITS - BEEHIVES, STATE AND FEDERAL WETLANDS CLOSED AREA PROGRAM, INFORMAL BIOLOGICAL STUDIES, EASEMENT ADMINISTRATION, RECREATIONAL USE, HUNTING, VIOLATIONS, SAFETY, REVENUE SHARING (See 1972 Narrative Report)

WEATHER DATA

LOCATION Alexandria, Minnesota

YEARS 1972 & 1973

Month	TEMPERATURE				PRECIPITATION			
	Current Average	Normal Average	Highest & Date	Lowest & Date	Total (Inches)	Normal (Inches)	Total	Snow/Sleet Max. Depth
July 1972	68.5	69.9	90 (9)	76 (4)	7.95	3.11	0	0
August 1972	69.5	68.1	95 (20)	48 (3)	2.51	3.99	0	0
September 1972	57.0	57.5	87 (19)	30 (30)	.43	2.09	0	0
October 1972	42.9	47.0	77 (4)	13 (19)	1.78	1.51	2.4	1
November 1972	28.5	28.0	53 (5)	-2 (29)	1.22	1.12	.6	1
December 1972	8.9	14.6	37 (27)	-22 (10)	1.65	.61	12.3	9
January 1973	14.0	8.1	52 (25)	-22 (6)	.20	.60	2.0	11
February 1973	17.7	11.3	43 (3)	-21 (16)	.44	.67	4.5	7
March 1973	36.4	23.4	57 (26)	18 (17)	1.31	1.09	.8	3
April 1973	43.2	41.8	75 (18)	18 (10)	1.19	2.28	1	0
May 1973	55.2	54.3	80 (31)	32 (3)	2.92	3.04	1	0
June 1973	67.2	63.7	95 (9)	47 (29)	1.67	4.25	0	0
AVERAGE OR TOTAL	42.4	40.6	95	-22	23.27	24.36	22.6	11

WEATHER DATA

LOCATION Fergus Falls, Minnesota

YEARS 1972 & 1973

Month	TEMPERATURE			PRECIPITATION				
	Current Average	Normal Average	Highest Date	Lowest & Date	Total (Inches)	Normal (Inches)	Total	Snow/Sleet
July 1972	68.7	66.7	91 (10)	42 (3)	5.77	3.09	0	0
August 1972	70.2	70.3	95 (20)	43 (3)	2.67	3.11	0	0
September 1972	57.5	59.9	88 (19)	26 (30)	.45	1.73	0	0
October 1972	43.5	47.9	79 (2)	12 (19)	1.23	1.33	T	0
November 1972	27.8	29.1	52 (6)	2 (28)	.54	.82	2.1	2
December 1972	11.9	15.8	33 (22)	-26 (7)	1.49	.81	18.8	11
January 1973	13.3	9.2	46 (25)	-24 (8)	.19	.77	3.0	12
February 1973	18.8	13.2	42 (22)	-19 (16)	.17	.68	2.2	3
March 1973	37.9	26.3	61 (26)	18 (17)	1.57	1.21	2.5	3
April 1973	45.1	43.4	80 (18)	17 (9)	.54	2.24	T	0
May 1973	57.3	57.0	83 (31)	31 (3)	2.46	3.04	0	0
June 1973	68.1	66.1	95 (9)	43 (5)	1.91	4.39	0	0
AVERAGE OR TOTAL	43.3	42.5	95	-26	18.99	22.91	28.6	12

WEATHER DATA

LOCATION Fergus Falls, Minnesota

YEARS 1972 & 1973

Month	TEMPERATURE				PRECIPITATION			
	Current Average	Normal Average	Highest & Date	Lowest & Date	Total (Inches)	Normal (Inches)	Total	Snow/Sleet Max. Depth
July 1972	68.7	66.7	91 (10)	42 (3)	5.77	3.09	0	0
August 1972	70.2	70.3	95 (20)	43 (3)	2.67	3.11	0	0
September 1972	57.5	59.2	88 (19)	26 (30)	.45	1.73	0	0
October 1972	43.5	47.9	79 (2)	12 (19)	1.23	1.33	T	0
November 1972	27.8	29.1	52 (6)	2 (28)	.54	.82	2.1	2
December 1972	11.9	15.8	33 (22)	-26 (7)	1.49	.81	18.8	11
January 1973	13.3	9.2	46 (25)	-24 (8)	.19	.77	3.0	12
February 1973	18.8	13.2	42 (22)	-19 (16)	.17	.68	2.2	3
March 1973	37.9	26.3	61 (26)	18 (17)	1.57	1.21	2.5	3
April 1973	45.1	43.4	80 (18)	17 (9)	.54	2.24	T	0
May 1973	57.3	57.0	83 (31)	31 (3)	2.46	3.04	0	0
June 1973	68.1	66.1	95 (9)	43 (5)	1.91	4.39	0	0
AVERAGE OR TOTAL	43.3	42.5	95	-26	18.99	22.21	28.6	12

WEATHER DATA

LOCATION Alexandria, Minnesota

YEARS 1972 & 1973

Month	TEMPERATURE				PRECIPITATION			
	Current Average	Normal Average	Highest & Date	Lowest & Date	Total (Inches)	Normal (Inches)	Total	Snow/Sleet Max. Depth
July 1972	68.5	69.9	90 (9)	46 (4)	7.25	3.11	0	0
August 1972	69.5	68.4	95 (20)	48 (3)	2.51	3.99	0	0
September 1972	57.0	57.5	87 (12)	30 (30)	.13	2.09	0	0
October 1972	42.9	47.0	77 (4)	13 (19)	1.78	1.51	2.4	1
November 1972	28.5	28.0	53 (5)	-2 (29)	1.22	1.12	.6	T
December 1972	8.9	14.6	37 (27)	(-22) (10)	1.65	.61	12.3	9
January 1973	14.0	8.1	52 (25)	(-22) (6)	.20	.60	2.0	11
February 1973	17.7	11.3	43 (3)	(-21) (16)	.44	.67	4.5	7
March 1973	36.4	23.4	57 (26)	18 (17)	1.31	1.09	.8	3
April 1973	43.2	42.8	75 (18)	18 (10)	1.19	2.28	T	0
May 1973	55.2	54.3	80 (31)	32 (3)	2.92	3.04	T	0
June 1973	67.2	63.7	95 (9)	47 (29)	1.67	4.25	0	0
AVERAGE OR TOTAL	42.4	40.6	95	-22	23.27	24.36	22.6	11

REFUGES

1 *Burr*REFUGES FLS WETLND MGT DST
03-3545-00-FFW

SPECIES NAME

THREATENED SPECIES

STATUS-UNDETERMINED

BURROWING OWL

50

10/15

SPECIAL RECOGNITION

BIRDS

	LINE CODE	USE DAYS	FY-NO.	FY-PEAK	FY-NO.	FY-PEAK	DATE
	JUL-SEP 72	OCT-DEC 72	JAN-MAR 73	APR-JUN 73	TOTAL	PRODUCED HARVESTED POPULATION	
PIED-BILLED GREBE	164,000	0	0	0	0	0	
COMMON LOON	0060	80000	27000	30,700	107000	38,200	0-?
HERRING GULL	100,000	1500	0	0	1500	0	2000
RING-BILLED GULL	100,000	25000	300	18000	25300	300	09/01
FRANKLIN'S GULL	100	50000	700	0	35000	50700	85,700
CASPIAN TERN	100,000	160000	2000	0	124,000	162000	286,000
FURSTER'S TERN	100,000	4500	0	0	0	4500	0
COMMON TERN	100,000	4500	100	0	3000	4600	7600
BLACK TERN	100,000	150000	3000	0	10000	153000	253,000
DOUBLE-CRESTED CORMORANT	100	540000	0	0	540000	540000	0-?
WHITE PELICAN	1200	300	100	0	350	400	750
GREAT BLUE HERON	1250	2500	0	0	0	2500	0
COMMON EGRET	1940	42000	7000	6800	49000	55800	0
GREEN HERON	1950	42000	400	0	1500	4900	0
BLACK-CROWNED NIGHT HERON	1960	45000	0	0	350	2200	2550
WILSON'S PHALAROPE	2010	2000	200	0	1500	4300	5800
COMMON SNIPE	2240	1000	0	0	0	1000	0
LESSER YELLOWLEGS	2300	80000	2000	80000	82000	162000	0
UPLAND PLOVER	2550	8000	300	0	1000	8300	0
SPOTTED SANDPIPER	2610	7000	10	0	0	7000	0
KILLDEER	2630	45000	0	0	0	45000	0
MARSH HAWK	2730	17000	500	3000	75000	17500	0-?
SHARP-SHINNEC HAWK	3310	12000	7000	300	16000	19000	35,300
COOPER'S HAWK	3320	3000	1500	0	2000	4500	6500
GOSHAWK	3330	3000	1500	0	2000	4500	6500
RED-TAILED HAWK	3340	200	100	0	0	300	0
SWAINSON'S HAWK	3370	5000	2500	225	4000	7500	11,525
ROUGH-LEGGED HAWK	3420	50	25	0	0	75	0
GOLDEN EAGLE	3470	2000	1000	0	800	3000	0
BALD EAGLE	3490	0	10	0	0	10	0
SPARROW HAWK	3520	0	30	0	0	30	0
SHORT-EARED OWL	3600	10000	2500	250	12000	12500	0-?
BARRED OWL	3670	200	100	0	0	300	0
SCRECH OWL	3680	250	125	0	0	375	0
GREAT HORNED OWL	3730	200	100	0	0	300	0
BURROWING OWL	3750	5000	5000	4000	10000	20,000	0-?
	3780	100	0	0	0	100	0
American Bittern	1900	0	0	0	0	0	0
Lesser Sandhill Crane	2060	0	0	0	0	0	0
TOTAL	1,269,800	0	0	0	0	0	0
	3100	0	0	0	0	0	0
	450	0	0	0	0	0	0
	532,550	0	0	0	0	0	0
	1,877,865	0	0	0	0	0	0

AMERICAN BITTERN
LESSER SANDHILL CRANE*****
FY-NO.
FY-PEAK
09/15
09/17

NATIONAL WILDLIFE REFUGE SYSTEM
PUBLIC USE REPORT

REFUGES

RECEIVED
AUG 8 - 1973
FEDERAL WILDLIFE MANAGEMENT
REGION 3
Bureau of Sport Fisheries and Wildlife

FRGUS FLS WETLND MGT DST
DS 2545-00-FFW

ACTIVITY NAME
JAN-72 FEB-72 MAR-72 APR-72 MAY-72 JUN-72

JUL-72 AUG-72 SEP-72 OCT-72 NOV-72 DEC-72

12 MONTH
TOTAL

1 *John*
2 *John*

VISITS BY MONTH

4
34
FY 73

15 160 120 81 81 691

165

165

120

81

691

INTERPRETATION

CHEERLEADING

EDUCATION

STUDENTS

RECREATION-WILDLIFE WILDLANDS
HUNTING MIGRATORY BIRDS

DUCKS

GEESE

GESE

GENERAL WATERFOWL

HUNTING BIG BIRDS-OTHER

HUNTING RESIDENT GAME

UPLAND GAME BIRDS

BIG GAME, DEER-GUN

WHITE-TAILED DEER

WHITE-TAILED DEER

SMALL GAME

OTHER GAME

TRAPPING

WATERFOWL

OTHER CONSUMPT/W/W REC

WILDLIFE OBSERVATION

FOOT

AUTO

WILDLANDS APPRECIATION

FOOT

AUTO

PHOTOGRAPHY

RECREATION NON-WILDLIFE

CAMPING

PICKNICKING

SWIMMING

OFF ROAD VEHICLEING

OTHER

TOTAL INTERPRETATION
TOTAL EDUCATION
TOTAL HUNTING
TOTAL FISHING
TOTAL OTHER W/W RECREATION

NATIONAL WILDLIFE REFUGE SYSTEM
PUBLIC USE REPORT

FERGUS FLS WETLND MGT DST
03-3545-00-FFW

VISITS BY MONTH

ACTIVITY NAME	JAN-72	FEB-72	MAR-72	APR-72	MAY-72	JUN-72	JUL-72	AUG-72	SEP-72	OCT-72	NOV-72	DEC-72	12 MONTH TOTAL
TOTAL WILDLIFE ORIENTED	730	1165	610	469	590	1080	9503	2032	195	195	16374		
TOTAL NON-WILDLIFE ORIENTED	27	62	75	102	92	73	17		510		958		
TOTAL PUBLIC USE	757	1227	685	571	682	1153	9520	2032	705	17332			
NO. VISITS TO REFUGE	300	500	350	300	350	850	8400	1500	500	13050			

← FY '73 →



NATIONAL WILDLIFE REFUGE SYSTEM
WILDLIFE USE REPORT
ANNUAL WATERFOWL PRODUCTION

FWS FLS WETLND MGT DST
03-3545-00-FFW

FY-73

***** USE DAYS *****
LINE CODE JUL-SEP 72 OCT-DEC 72 JAN-MAR 73 APR-JUN 73 FY TOTAL
***** FY-NO. FY-PEAK DATE

WATERFOWL PRODUCTION

SPECIES NAME	LINE CODE	JUL-SEP 72	OCT-DEC 72	JAN-MAR 73	APR-JUN 73	FY	TOTAL	PRODUCED	HARVESTED	POPULATION
GEESE	802	1723	0	0	0	0	30	0	0	0
GIGANT CANADA GOOSE										
DUCKS										
MALLARD	803	1320	0	0	0	0	0	1200	0	0
BAUDOUILL	803	1350	0	0	0	0	0	210	0	0
AMERICAN WIDGEON	803	1370	0	0	0	0	0	105	0	0
GREEN-WINGED TEAL	803	1390	0	0	0	0	0	75	0	0
BLUE-WINGED TEAL	803	1400	0	0	0	0	0	2700	0	0
SHOVELLER	803	1420	0	0	0	0	0	225	0	0
PINTAIL	803	1430	0	0	0	0	0	225	0	0
WOOD DUCK	803	1440	0	0	0	0	0	290	0	0
RED HEAD	803	1460	0	0	0	0	0	400	0	0
CABVASSBACK	803	1470	0	0	0	0	0	50	0	0
LESSER SCAUP	803	1490	0	0	0	0	0	15	0	0
RING-NECKED DUCK	803	1500	0	0	0	0	0	100	0	0
BUFFLEHEAD	803	1530	0	0	0	0	0	10	0	0
Ruddy Duck	803	1670	0	0	0	0	0	375	0	0
ITOTAL		0	0	0	0	0	0	6010	0	0

REFUGES
1 <i>John</i>
2 <i>John</i>
3 <i>John</i>
4 <i>John</i>

Date did not include production from easement land.

REFUGES

John

1

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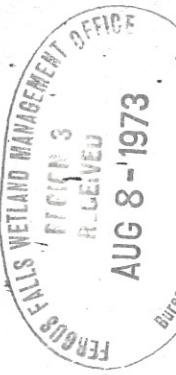
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NATIONAL WILDLIFE REFUGE SYSTEM

WATERFOWL USE DAYS

FRGUS FLS WETLND MGT DST

03-3545-00-FFW

15 AUG 1973

12 MONTHS
TOTALSEP 1972-
DEC 1972JAN 1972-
FEB 1972MAR 1972-
APR 1972MAY 1972-
AUG 1972

SPECIES NAME

SPECIAL RECOGNITION

BIRDS

AMERICAN COOT

WATERFOWL MAINTENANCE

SWANS

WHISTLING SWAN

GEESE

LESSER-SNOW GOOSE

CANADA GOOSE

ALEUTIAN-CANADA-GOOSE

GIANT CANADA GOOSE

DUCKS

COMMON MÉRGANSER

HOODED MÉRGANSER

MALLARD

GADWALL

AMERICAN WIDGEON

GREEN-WINGED TEAL

BLUE-WINGED TEAL

SHOVELER

PINTAIL

WOOD DUCK

RED HEAD

CANVASBACK

LESSER SCAUP

RING-NECKED DUCK

COMMON GOLDENEYE

BUFFLEHEAD

RUDDY DUCK

TOTAL SWANS

TOTAL GEESE

TOTAL DUCKS

TOTAL WATERFOWL

150
600
480,000
0300
6,300
207,900
01,050
13,740
1,612,800
01,077,300
1,077,300
214,500
0

1,627,590

03-3543-00-FFM

NATIONAL WILDLIFE REFUGE SYSTEM

REFUGES



NATIONAL WILDLIFE REFUGE SYSTEM

REFUGES
1
John
2

FERGUS FALLS WETLAND MANAGEMENT
REGION 3
RECEIVED
AUG 8 - 1973
Bureau of Sport Fisheries and Wildlife

FERGUS FLS WETLND MGT DST
03-2545-00-FFd

PEAK MONTHLY WATERFOWL POPULATIONS
3
John
4
John

SPECIES NAME	JAN 72	FEB 72	MAR 72	APR 72	MAY 72	JUN 72	JUL 72	AUG 72	SEP 72	OCT 72	NOV 72	DEC 72
SPECIAL RECOGNITION												
BIRDS												
AMERICAN COOT	0	0	0	0	0	0	0	0	0	0	0	0
WATERFOWL MAINTENANCE												
SWANS	0	0	0	0	0	0	0	0	0	0	0	0
WHISTLING SWAN	0	0	0	0	0	0	0	0	0	0	0	0
GEESE												
LESSER-SNOW GOOSE	0	0	0	0	0	0	0	0	0	0	0	0
CANADA GOOSE	0	0	0	0	0	0	0	0	0	0	0	0
AMERICAN CANADA GOOSE	0	0	0	0	0	0	0	0	0	0	0	0
GIANT CANADA GOOSE	0	0	0	0	0	0	0	0	0	0	0	0
DUCKS												
COPPER MEGANASER	0	0	0	0	0	0	0	0	0	0	0	0
HOODED MEGANASER	0	0	0	0	0	0	0	0	0	0	0	0
MALLARD	0	0	0	0	0	0	0	0	0	0	0	0
CADWALL	0	0	0	0	0	0	0	0	0	0	0	0
AMERICAN WIDGEON	0	0	0	0	0	0	0	0	0	0	0	0
GREEN-WINGED TEAL	0	0	0	0	0	0	0	0	0	0	0	0
BLUE-WINGED TEAL	0	0	0	0	0	0	0	0	0	0	0	0
SHOVULER	0	0	0	0	0	0	0	0	0	0	0	0
PINTAIL	0	0	0	0	0	0	0	0	0	0	0	0
WOOD DUCK	0	0	0	0	0	0	0	0	0	0	0	0
RED HEAD	0	0	0	0	0	0	0	0	0	0	0	0
CANVASBACK	0	0	0	0	0	0	0	0	0	0	0	0
LESSER SCAUP	0	0	0	0	0	0	0	0	0	0	0	0
RING-NECKED DUCK	0	0	0	0	0	0	0	0	0	0	0	0
COMMON GOLDENEYE	0	0	0	0	0	0	0	0	0	0	0	0
BUFFLEHEAD	0	0	0	0	0	0	0	0	0	0	0	0
Ruddy Duck	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL SWANS	0	0	0	30	20	0	0	0	0	0	0	0
TOTAL GEESE	0	0	0	175	50	70	100	100	200	800	150	0
TOTAL DUCKS	0	0	0	26450	6790	9000	10815	7345	6275	5140	1610	0
TOTAL WATERFOWL	0	0	26655	6860	9070	10915	7445	6475	5970	1960	0	0

NATIONAL WILDLIFE REFUGE SYSTEM

REPORT OF ECONOMIC OUTPUTS - FY 73

(IN DOLLARS)

FERGUS FLS WETLND MGT DST

03-3545-00-FFM

TYPE OF BENEFIT	JUL-SEP 72	OCT-DEC 72	JAN-MAR 73	APR-JUN 73	FY TOTAL
REFUGE RECEIPTS					
GRAZING	0.00	150.81	0.00	0.00	150.81
TOTAL	0.00	150.81	0.00	0.00	150.81

REFUGE RECEIPTS

GRAZING

TOTAL

0.00	150.81	0.00	0.00	150.81
0.00	150.81	0.00	0.00	150.81

REFUGES
1 <i>[Signature]</i>
2 _____
3 <i>[Signature]</i>
4 <i>[Signature]</i>



NWRS COST INFORMATION SYSTEM
 OBJECTIVE FUNCTION COST REPORT
 FINAL FIELD STATION DATA BASE
 FY-73 ALL QUARTERS

FFRUGUS FALLS W.M.D.
 03-3545-00

PROCESSING DATE 12/15/73

OBJ CODE	OBJECTIVE FUNCTION	TOTAL MAN-HOURS	TOTAL O&M COST
1	INTERPRETATION	1,728	11,406.00
2	EDUCATION	275	1,967.00
3	RECREATION - WILDLIFE WILDLANDS	399	2,864.00
4	RECREATION - NON W/W ORIINT	53	333.00
5	PUBLCTNS, STUDIES, COOP PRCGRMS	41	293.00
6	ENVIRONMENTAL PRESERVATION	2,097	14,368.00
7	WILDLIFE MAINTENANCE	842	5,850.00
8	WILDLIFE PRODUCTION	5,200	34,409.00
	ORGANIZATIONAL TOTAL	10,635	71,490.00

3
 An additional \$90,000

PLANNING AND ACCOMPLISHMENT REPORT

PAGE 421

PART I - FINANCIAL

FY-73

FERGUS FALLS W.M.D.
03-3545-03

WF CODE	WORK ELEMENT	WE UNITS	UNITS	FUNDS	PMM	UNITS	FUNDS	PMM	UNITS	FUNDS	PMM	*DEVIATION (+/-%)*	
												PLANNED	ACCOMPLISHED
CAPITAL INVESTMENT													
1-34	BLDG-S-QTRS-OTHER					1,603						+9.99%	
STR	TURES & IMPROVEMENTS - OTHER		SQ. FT.										
1-59	SGI-OTHER-BOUNDARY POST	0.1	MI				993	1.7		+9.99%	+9.99%		
1-60	SEI-OTHER-FENCING	0.1	MI			50	5,000	4.8	2,051	3.6	-100%	-59%	-25%
EQUIPMENT													
1-73	FOURPMT-AUTO EQUIPMENT	NUMBER				1	3,500					-100%	-100%
TOTAL CAPITAL INVESTMENT													
	TOTAL						8,500	4.8				-45%	
OPERATION AND MAINTENANCE													
OPERATIONS													
2-02	OPERATION-SURVEYS	NO.	SURVEY	6		1,500	2.2		1,934	1.8	-100%	+29%	-18%
2-03	OPERATION-FARMING	A.	FARMED	325		150	•2		212	•2	-100%	+41%	
2-04	OPERATION-GRASSLD PRAC	A.	TREATED	1,100		9,800	5.6		1,846	2.7	-100%	-81%	-52%
2-05	OPERATION-PEST PLT CON	A.	TREATED	940		5,600	6.4		3,108	3.6	-100%	-45%	-44%
2-06	OPERATION-WAT LEVEL MGT	A.	MANAGED						446	.1	-100%	+9.99%	+9.99%
2-08	OPERATION-PRESCRIB BURN	A.	BURNED	100		300	•3			-100%	-100%	-100%	
2-09	OPERATION-TREE & SHRUB	A.	PLANTED										
2-14	OPERATION-BIRD MARKING	NO.	MARKED		LBS. FED								
2-18	OPERATION-FEEDING	3,000	100			2			57	-100%	-43%	-10%	
2-19	OPERATION-ENVIR & M	NO.	PROJECT	10		2,580	2.1		390	.5	-100%	-85%	-75%
2-20	OPERATION-LITTER CNT	NO.	PROJECT	8		250	•5		31	-100%	-88%	-100%	
2-21	OPERATION-PUBLIC INQ	NO.	RESPON	2,400		6,700	6.6		966	•8	-100%	-86%	-88%
2-22	OPERATION-PUBLIC PROG	NO.	PROGMS	56		2,400	2.9		1,748	2.0	-100%	-27%	-31%
2-23	OPERATION-PROTECTION	AS APP		3,100		2.9			2,035	1.9		-34%	-34%
2-25	OPERATION-BUREAU ACT	NO.	PROJECT										
2-26	OPERATION-SPECIAL SER	NO.	PROJECT	8		400	•5		126	•1	-100%	-69%	-80%
2-27	OPERATION-OTH OPERATION	AS APP				1.9			5,229	.1		-95%	
SUPPORTING FACILITIES													
2-41	SUP FAC-BLDG-GEN NON-RC	SQ. FT.		6,464		2,400	1.1						
							5,870	7.0	-100%	+145%	+536%		

FERGUS FALLS W.M.D.
03-3545-00

PART I - FINANCIAL

PLANNING AND ACCOMPLISHMENT REPORT

FY-73

PART II - OUTPUT PRODUCTION

FERGUS FALLS W.M.D.
03-3545-00

WE CODE	OUTPUT ELEMENT	DE UNITS	PLANNED UNITS	ACCOMPLISHED UNITS	ACCOMPLISHED RBU'S	DEVIATION
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WILDLIFE-WILDLANDS INTERPRETATION

6-15 OTHER PROGRAMS	ACT HOURS	1,400	1,175	58,750	-16%
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ENVIRONMENTAL EDUCATION

6-20 STUDENTS	ACT HOURS	900	165	24,750	-82%
6-22 PROFESSIONAL SERVICES	ACT HOURS	45	8	2,000	-82%

WIL - LIFE - WILDLANDS RECREATION

6-30 HUNTING MIGRATORY BIRDS	ACT HOURS	34,900	35,510	1,775,440	+1%
6-31 HUNTING RESIDENT GAME	ACT HOURS	13,500	9,643	252,695	-29%
6-32 FISHING	ACT HOURS	750	890	22,250	+19%
6-33 OTHER CONSUMPTIVE RFC	ACT HOURS	75	60	600	+20%
6-34 WILDLIFE OBSERVATION	ACT HOURS	660	177	8,850	-73%
6-35 WILDLIFE APPRECIATION	ACT HOURS	2,640	1,167	17,505	-56%
6-36 PHOTOGRAPHY	ACT HOURS	75	66	1,140	-12%
6-38 PUBLIC AFFAIRS	ACT HOURS	26	8	7,500	-69%

NON WILDLIFE ORIENTED RECREATION

6-40 CAMPING	ACT HOURS	180	-1,800	+999%
6-41 PICNICKING	ACT HOURS	75	-375	+999%
6-45 OFF ROAD VEHICLEING	ACT HOURS	214	-140	+999%
6-46 OTHFR NON W/W ORIENTED	ACT HOURS	195	-1,850	+999%

PROFESSIONAL SERVICES

6-5 BANDING	PROGRAM EACH	1	1	10,000	+100%
6-1 OTHER COOPERATIVE PRGM	PROGRAM EACH				+999%

ENVIRONMENTAL PRESERVATION

6-60 NATURAL ENVNRMT PRESRVD	ACRE	36,550	34,975	695,700	
------------------------------	------	--------	--------	---------	--

WILDLIFE

6-70 THREATENED SPECIES	USE DAYS	5,000	1,050	25,050	-79%
6-71 SPFCIAL RECORG SPECIES	USE DAYS	3,735,000	1,677,865	2,976,715	-14% 49%
6-72 WILDLIFE DIVERSITY	NO. SPECS	318	320	64,000,000	
6-73 WATERFOWL MAINTENANCE	USE DAYS	3,263,000	1,324,650	1,317,750	-60% 28%
6-80 WATERFOWL PRODUCTION	EA. ANIMAL	16,050	2,564,000	6,010	-63%

ECONOMIC BENEFITS

6-93 GRAZING	DOLLARS	320	15,081	151	+52% +999%
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PART II - OUTPUT PRODUCTION

FERGUS FALLS W.M.D.
03-3545-00

WF
CODE

OUTPUT ELEMENT

OE UNITS

PLANNED
UNITSACCOMPLISHED
UNITSACCOMPLISHED
RBU'S

DEVIATION

PROGRAM ANALYSIS

8-10

TOTAL ANNUAL BENEFITS

RBJ'S

84,740,600

72,321,265

-15%

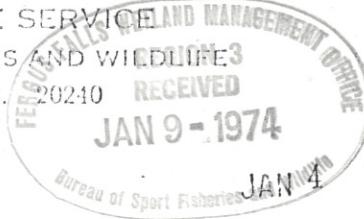


United States Department of the Interior

FISH AND WILDLIFE SERVICE
BUREAU OF SPORT FISHERIES AND WILDLIFE

ADDRESS ONLY THE DIRECTOR
BUREAU OF SPORT FISHERIES
AND WILDLIFE

In Reply Refer To:
FSF/RF



x Lm

Fergus Gates
WMF

Memorandum

To: Regional Directors, Regions 1, 2, 3, 4, 5 and 6, and
Alaska Area Director
Acting Associate
From: Director, Bureau of Sport Fisheries and Wildlife
Subject: PPBE Reports; Refuge Work Element Cost, Objective Function
Cost, Output Element Cost, and Planning and Accomplishment
Reports

REFUGES	
1	Lm
2	
3	Rm
4	

The following reports are being mailed under separate cover:

- a. Work Element Cost Report with Output Element Detail
- b. Objective Function Cost Report
- c. Output Element Cost Report with Work Element Detail
- d. Planning and Accomplishment Report

These are the cost analysis reports being produced from data submitted by the field stations during fiscal year 1973. This will complete the first full cycle of the Refuge Program Planning-Budgeting-Evaluation System.

The Output Element Cost Report gives detailed costs for each work element coded to an output element. This data should be useful to the manager and the regional staff because it shows man-hours and costs by work activity and the facilities maintenance required to produce a specific type of output. Also, it will provide a check for the refuge staff to analyze the accuracy of their coding effort during FY 1973.

The Objective Function Cost Report is similar to the above except that it is at a different level of detail. It will provide a quick overview of how a refuge is allocating its resources.



76

The Work Element Cost Report with Output Element Detail is a reverse of the Output Element Cost Report. It shows the output elements of man-hours and costs that are associated with each work element.

The Planning and Accomplishment Report is to be used in the preparation of the Planning and Accomplishment Narrative. This report provides a summary of the refuge program for the fiscal year. It should be used as a guide in program scheduling, short range planning and monitoring trends in refuge programs.

Two copies of each individual station report are being mailed to you, one for the regional office and one for the station. Also, a copy of the regional summary will be included for each refuge. These should be transmitted to the stations as soon as possible.

Upon receipt, please provide each refuge one copy each of:

- a. Refuge Work Element Cost Report
- b. Refuge Output Element Cost Report
- c. Refuge Objective Function Cost Report
- d. Regional summary for each of the above reports
- e. Planning and Accomplishment Report
- f. This memorandum

Attachments
(Under separate cover)



NWRS CCST INFORMATION SYSTEM
WORK ELEMENT COST REPORT
WITH OUTPUT ELEMENT DETAIL
FINAL FIELD STATION DATA BASE

FY-73 ALL QUARTERS

FERGUS FALLS W.M.D.

03-3545-00

WE CODE	WORK ELEMENT	JE CODE	OUTPUT ELEMENT	WE	UNITS ACCOMPLISHED	TOTAL MAN-HOURS	PROCESSING DATE 12/11/73		
							UNITS MAN-HOURS	TOTAL COST	SELLARS PER UNIT
CAPITAL INVESTMENT									
04	BLDGS-GTRS-OTHER		(NOT APPLICABLE)		SQ. FT.	0	0	1603.00	.00
59	SET-OTHER-BOUNDARY POST	(NCT APPICABLE)		0.1 MI	0	209	993.00	.00	.00
60	SET-OTHER-FENCING		(NOT APPLICABLE)	0.1 MI	0	619	2051.00	.00	.00
OPERATION + MAINTENANCE									
02	OPERATION-SURVEYS								
	11	TOUR ROUTES		NO SURVEY	0	0	1.00	*00	*00
	15	OTHER PROGRAMS		NO SURVEY	0	1	6.00	*00	*00
	20	STUDENTS		NO SURVEY	0	100	1.00	*00	*00
	22	PROFESSIONAL SERVICES		NO SURVEY	0	1	1.00	*00	*00
	30	HUNTING MIGRATORY BIRDS		NO SURVEY	0	10	52.00	*00	*00
	31	HUNTING RESIDENT GAME		NO SURVEY	0	0	140.00	*00	*00
	33	PUBLIC AFFAIRS		NO SURVEY	0	10	14.00	*00	*00
	60	NATURAL ENVIRNT PRESRV		NO SURVEY	0	18	209.00	*00	*00
	72	WILDLIFE DIVERSITY		NO SURVEY	0	18	145.00	*00	*00
	73	WATERFOWL MAINTENANCE		NO SURVEY	0	60	323.00	*00	*00
	80	WATERFOWL PRODUCTION		NO SURVEY	0	201	1050.00	*00	*00
		WORK ELEMENT TOTALS/AVERAGES		NO SURVEY	0	309	1934.00	*00	*00
03	OPERATION-FARMING								
	72	WILDLIFE DIVERSITY	A-FARVED	0	24	166.00	*00	*00	*00
	73	WATERFOWL MAINTENANCE	A-FARVED	0	5	34.00	*00	*00	*00
	80	WATERFOWL PRODUCTION	A-FARVED	0	4	12.00	*00	*00	*00
		WORK ELEMENT TOTALS/AVERAGES	A-FARVED	0	33	212.00	*00	*00	*00
04	OPERATION-GRASSLD PRAC	80	WATERFOWL PRODUCTION	A-TREATED	0	464	1848.00	*00	*00
		WORK ELEMENT TOTALS/AVERAGES	A-TREATED	0	464	1848.00	*00	*00	*00
05	OPERATION-PEST PLT CON	11	TOUR ROUTES	A-TREATED	0	7	32.00	*00	*00
	14	EXHIBITS - DEMONSTRATNS	A-TREATED	0	0	2.00	*00	*00	*00
	15	OTHER PROGRAMS	A-TREATED	0	64	387.00	*00	*00	*00

NWRS CCST INFORMATION SYSTEM
WORK ELEMENT CCST REPORT
WITH OUTPUT ELEMENT DETAIL
FINAL FIELD STATION DATA BASE

FY-73 ALL QUARTERS

FERGUS FALLS W.M.D.

03-3545-00

OPERATION + MAINTENANCE	WE CODE	WORK ELEMENT	OE CODE	OUTPUT ELEMENT	WE	UNITS ACCOMPLISHED	TOTAL MAN-HOURS	PROCESSING DATE	DOLLARS PER UNIT	
									TOTAL COST	MAN-HOURS PER UNIT
20 STUDENTS			A	TREATED	0	8	35.00	12/11/73	\$0.00	\$0.00
21 TEACHERS			A	TREATED	0	2	9.00		\$0.00	\$0.00
22 PROFESSIONAL SERVICES			A	TREATED	0	6	29.00		\$0.00	\$0.00
30 HUNTING MIGRATORY BIRDS			A	TREATED	0	7	32.00		\$0.00	\$0.00
31 HUNTING RESIDENT GAME			A	TREATED	0	9	45.00		\$0.00	\$0.00
34 WILDLIFE OBSERVATION			A	TREATED	0	1	1.00		\$0.00	\$0.00
35 WILDLIFE APPRECIATION			A	TREATED	0	0	3.00		\$0.00	\$0.00
36 PHOTOGRAPHY			A	TREATED	0	1	2.00		\$0.00	\$0.00
38 PUBLIC AFFAIRS			A	TREATED	0	5	25.00		\$0.00	\$0.00
46 OTHER (ICE SKATING, ETC)			A	TREATED	0	2	12.00		\$0.00	\$0.00
56 BANDING			A	TREATED	0	2	6.00		\$0.00	\$0.00
57 OTHER COOPERATIVE PRGRMS			A	TREATED	0	4	5.00		\$0.00	\$0.00
60 NATURAL ENVNRMT PRESRV'D			A	TREATED	0	14	530.00		\$0.00	\$0.00
70 THREATENED SPECIES			A	TREATED	0	5	15.00		\$0.00	\$0.00
72 WILDLIFE DIVERSITY			A	TREATED	0	17	80.00		\$0.00	\$0.00
73 WATERFOWL MAINTENANCE			A	TREATED	0	25	117.00		\$0.00	\$0.00
80 WATERFOWL PRODUCTION			A	TREATED	0	324	1740.00		\$0.00	\$0.00
WORK ELEMENT TOTALS/AVERAGES			A	TREATED	0	520	3100.00		\$0.00	\$0.00
07 OPERATION-WAT LEVEL MGT	30	WATERFOWL PRODUCTION	A	MANAGED	0	22	446.00		\$0.00	\$0.00
09 OPERATION-TREE & SHRUB	22	PROFESSIONAL SERVICES	A	PLANTED	0	0	446.00		\$0.00	\$0.00
14 OPERATION-BIRD MARKING	56	BANDING	A	PLANTED	0	0	446.00		\$0.00	\$0.00
18 OPERATION-FEEDING	73	WATERFOWL MAINTENANCE	NO	MARKED	0	0	446.00		\$0.00	\$0.00
19 OPERATION-ENVIR R & M	11	TOUR ROUTES	NO	PROJECT	0	1	4.00		\$0.00	\$0.00
	15	OTHER PROGRAMS	NO	PROJECT	0	11	50.00		\$0.00	\$0.00
	20	STUDENTS	NO	PROJECT	0	2	5.00		\$0.00	\$0.00
	21	TEACHERS	NO	PROJECT	0	0	1.00		\$0.00	\$0.00

NWRS COST INFORMATION SYSTEM
WORK ELEMENT COST REPORT
WITH OUTPUT ELEMENT DETAIL
FINAL FIELD STATION DATA BASE

FY-73 ALL QUARTERS

FERGUS FALLS W.M.D.

03-3545-00

OPERATION + MAINTENANCE	WE CODE	WORK ELEMENT	OE CODE	OUTPUT ELEMENT	WE UNITS	UNITS ACCOMPLISHED	TOTAL MAN-HOURS	PROCESSING DATE	TOTAL COST	
									MAN-HOURS	DOLLARS PER UNIT
22 PROFESSIONAL SERVICES	NC	PROJECT			0	0	0	12/11/73	\$0.00	\$0.00
30 HUNTING MIGRATORY BIRDS	NC	PROJECT			0	0	0		\$0.00	\$0.00
31 HUNTING RESIDENT GAME	NC	PROJECT			0	1	5.00		\$0.00	\$0.00
34 WILDLIFE OBSERVATION	NC	PROJECT			0	1	5.00		\$0.00	\$0.00
38 PUBLIC AFFAIRS	NC	PROJECT			0	0	0		\$0.00	\$0.00
46 OTHER (ICE SKATING, ETC)	NC	PROJECT			0	2	3.00		\$0.00	\$0.00
57 OTHER COOPERATIVE PRGS.	NC	PROJECT			0	0	0		\$0.00	\$0.00
60 NATURAL ENVIRNT PRESRV	NC	PROJECT			0	16	1.00		\$0.00	\$0.00
70 THREATENED SPECIES	NC	PROJECT			0	0	0		\$0.00	\$0.00
72 WILDLIFE DIVERSITY	NC	PROJECT			0	2	12.00		\$0.00	\$0.00
73 WATERFOWL MAINTENANCE	NC	PROJECT			0	4	17.00		\$0.00	\$0.00
80 WATERFOWL PRODUCTION	NC	PROJECT			0	37	18.00		\$0.00	\$0.00
WORK ELEMENT TOTALS/AVERAGES					0	78	390.00		\$0.00	\$0.00
20 OPERATION-LITTER CON	15	OTHER PROGRAMS	NC	PROJECT	0	0	0		\$0.00	\$0.00
21 TEACHERS	NC	PROJECT			0	0	0		\$0.00	\$0.00
31 HUNTING RESIDENT GAME	NC	PROJECT			0	0	0		\$0.00	\$0.00
50 NATURAL ENVIRNT PRESRV	NC	PROJECT			0	0	0		\$0.00	\$0.00
72 WILDLIFE DIVERSITY	NC	PROJECT			0	0	0		\$0.00	\$0.00
73 WATERFOWL MAINTENANCE	NC	PROJECT			0	0	0		\$0.00	\$0.00
80 WATERFOWL PRODUCTION	NC	PROJECT			0	0	0		\$0.00	\$0.00
WORK ELEMENT TOTALS/AVERAGES					0	0	0		\$0.00	\$0.00
21 OPERATION-PUBLIC INQ.	11	Tour Routes	NO	RESPON	0	0	0		\$0.00	\$0.00
14 EXHIBITS + DEMONSTRNS	NO	RESPON	0	0	2	2	0		\$0.00	\$0.00
15 OTHER PROGRAMS	NO	RESPON	0	0	10	18.00	0		\$0.00	\$0.00
20 STUDENTS	NO	RESPON	0	0	5	41.00	0		\$0.00	\$0.00
22 PROFESSIONAL SERVICES	NC	RESPON	0	0	0	3.00	0		\$0.00	\$0.00
30 HUNTING MIGRATORY BIRDS	NO	RESPON	0	0	1	3.00	0		\$0.00	\$0.00
31 HUNTING RESIDENT GAME	NO	RESPON	0	0	3	28.00	0		\$0.00	\$0.00
34 WILDLIFE PRESERVATION	NO	RESPON	0	0	2	10.00	0		\$0.00	\$0.00
36 PHOTOGRAPHY	NO	RESPON	0	0	2	18.00	0		\$0.00	\$0.00
38 PUBLIC AFFAIRS	NO	RESPON	0	0	0	3.00	0		\$0.00	\$0.00
57 OTHER COOPERATIVE PRGS.	NC	RESPON	0	0	3	2.00	0		\$0.00	\$0.00
60 NATURAL ENVIRNT PRESRV	NO	RESPON	0	0	45	312.00	0		\$0.00	\$0.00

NHRS COST INFORMATION SYSTEM
WORK ELEMENT COST REPORT
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FINAL FIELD STATION DATA BASE

FY-73, ALL QUARTERS

FERGUS FALLS W.M.D.

03-3545-00

WE CODE	WORK ELEMENT	DE CODE	OUTPUT ELEMENT	WE	UNITS ACCOMPLISHED	TOTAL MAN-HOURS	PROCESSING			DATE 12/11/73
							TOTAL COST	PER UNIT	PER UNIT	
OPERATION + MAINTENANCE										
2.2	OPERATION-PUBLIC PROG	11	THREATENED SPECIES	NO	RESPON	0	11	69.00	.00	
		15	WILDLIFE DIVERSITY	NO	RESPON	0	8	67.00	.00	
		72	WATERFOWL MAINTENANCE	NO	RESPON	0	9	51.00	.00	
		73	WATERFOWL PRODUCTION	NO	RESPON	0	33	25.00	.00	
		80	WATERFOWL TOTALS/AVERAGES	NO	RESPON	0	131	96.00	.00	
	WORK ELEMENT-TOTALS/AVERAGES									
	11	TOUR ROUTES	NO	PROGRMS	0	0	1.00	.00	.00	
	15	OTHER PROGRAMS	NO	PROGRMS	0	322	1541.00	.00	.00	
	20	STUDENTS	NO	PROGRMS	0	13	111.00	.00	.00	
	21	TEACHERS	NO	PROGRMS	0	4	37.00	.00	.00	
	30	HUNTING MIGRATORY BIRDS	NO	PROGRMS	0	0	1.00	.00	.00	
	38	PUBLIC AFFAIRS	NO	PROGRMS	0	0	3	17.00	.00	
	57	OTHER COOPERATIVE PROGS	NO	PROGRMS	0	2	13.00	.00	.00	
	60	NATURAL ENVIRMT PRESRV	NO	PROGRMS	0	1	8.00	.00	.00	
	72	WILDLIFE DIVERSITY	NO	PROGRMS	0	0	1.00	.00	.00	
	73	WATERFOWL MAINTENANCE	NO	PROGRMS	0	0	1.00	.00	.00	
	80	WATERFOWL PRODUCTION	NO	PROGRMS	0	0	1.00	.00	.00	
	WORK ELEMENT-TOTALS/AVERAGES						347	1748.00	.00	
2.3	OPERATION-PROTECTION	11	TOUR ROUTES	AS APP	0	0	2.00	.00	.00	
	15	OTHER PROGRAMS	AS APP	0	0	1	17.00	.00	.00	
	20	STUDENTS	AS APP	0	0	2	2.00	.00	.00	
	22	PROFESSIONAL SERVICES	AS APP	0	0	1	1.00	.00	.00	
	30	HUNTING MIGRATORY BIRDS	AS APP	0	0	6	6.00	.00	.00	
	31	HUNTING RESIDENT GAME	AS APP	0	0	2	2.00	.00	.00	
	38	PUBLIC AFFAIRS	AS APP	0	0	1	1.00	.00	.00	
	46	OTHER (ICE SKATING, ETC)	AS APP	0	0	1	1.00	.00	.00	
	60	NATURAL ENVIRMT PRESRV	AS APP	0	0	238	1392.00	.00	.00	
	70	THREATENED SPECIES	AS APP	0	0	3	19.00	.00	.00	
	72	WILDLIFE DIVERSITY	AS APP	0	0	3	3.00	.00	.00	
	73	WATERFOWL MAINTENANCE	AS APP	0	0	9	56.00	.00	.00	
	80	WATERFOWL PRODUCTION	AS APP	0	0	69	478.00	.00	.00	
	WORK ELEMENT-TOTALS/AVERAGES						330	2035.00	.00	
							0	4.00	.00	
2.5	OPERATION-BUREAU ACT	11	TOUR ROUTES	NO, PROJECT	0	0				

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FERGUS FALLS W.M.D.

0343545-00

WF CODE	WORK ELEMENT	DE CODE	OUTPUT ELEMENT	WE	UNITS ACCOMPLISHED	TOTAL MAN-HOURS	PROCESSING		DATE 12/1/73
							PER UNIT	TOTAL COST	
OPERATION + MAINTENANCE									
15	OTHER PROGRAMS	NO+PROJECT		0	0	46.00	\$00	\$00	
20	STUDENTS	NO+PROJECT		0	0	44.00	\$00	\$00	
21	TEACHERS	NO+PROJECT		0	0	44.00	\$00	\$00	
22	PROFESSIONAL SERVICES	NO+PROJECT		0	0	3.00	\$00	\$00	
30	HUNTING MIGRATORY BIRDS	NO+PROJECT		0	0	4.00	\$00	\$00	
31	HUNTING RESIDENT GAME	NO+PROJECT		0	0	5.00	\$00	\$00	
38	PUBLIC AFFAIRS	NO+PROJECT		0	0	3.00	\$00	\$00	
46	OTHER (ICE SKATING, ETC)	NO+PROJECT		0	0	24.00	\$00	\$00	
56	BANDING	NO+PROJECT		0	0	24.00	\$00	\$00	
57	OTHER COOPERATIVE PROGS	NO+PROJECT		0	0	8.00	\$00	\$00	
60	NATURAL ENVIRNT PRESRVD	NO+PROJECT		0	0	51.00	\$00	\$00	
70	THREATENED SPECIES	NO+PROJECT		0	0	24.00	\$00	\$00	
72	MULTICL. DIVERSITY	NO+PROJECT		0	0	9.00	\$00	\$00	
73	WATERFOWL MAINTENANCE	NO+PROJECT		0	0	14.00	\$00	\$00	
80	WATERFOWL PRODUCTION	NO+PROJECT		0	0	144.00	\$00	\$00	
	WORK ELEMENT TOTALS/AVERAGES	NO+PROJECT		0	4	330.00	\$00	\$00	
26	OPERATION-SPECIAL SER	NO+PROJECT		0	0	15	\$00	\$00	
22	PROFESSIONAL SERVICES	NO+PROJECT		0	1	1	\$00	\$00	
30	WATERFOWL PRODUCTION	NO+PROJECT		0	1	126.00	\$00	\$00	
	WORK ELEMENT TOTALS/AVERAGES	NO+PROJECT		0	1	126.00	\$00	\$00	
27	OPERATION-JTH OPERATION	AS APP		0	0	62.00	\$00	\$00	
14	EXHIBITS + DEMONSTRNS	AS APP		0	0	5.00	\$00	\$00	
15	OTHER PROGRAMS	AS APP		0	1	762.00	\$00	\$00	
23	STUDENTS	AS APP		0	1	704.00	\$00	\$00	
21	TEACHERS	AS APP		0	1	17.00	\$00	\$00	
22	PROFESSIONAL SERVICES	AS APP		0	0	56.00	\$00	\$00	
30	HUNTING MIGRATORY BIRDS	AS APP		0	0	63.00	\$00	\$00	
31	HUNTING RESIDENT GAME	AS APP		0	0	86.00	\$00	\$00	
34	WILDLIFE CONSERVATION	AS APP		0	0	2.00	\$00	\$00	
35	WILDLIFE APPRECIATION	AS APP		0	0	4.00	\$00	\$00	
36	PHOTOGRAPHY	AS APP		0	0	5.00	\$00	\$00	
38	PUBLIC AFFAIRS	AS APP		0	0	45.00	\$00	\$00	
46	OTHER (ICE SKATING, ETC)	AS APP		14	76.00	\$00	\$00	\$00	
56	BANDING	AS APP		0	116.00	\$00	\$00	\$00	

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FERRUGUS FALLS W.M.D.

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WE CODE	WORK ELEMENT	JE CODE	OUTPUT ELEMENT	WE UNITS	UNITS ACCOMPLISHED	TOTAL MAN-HOURS	PROCESSING DATE 12/11/73		
							PER UNIT	PER UNIT	PER UNIT
OPERATION & MAINTENANCE									
41	SUP-FAC-BLDG-GEN	NCN-RG	J1	YOUR ROUTES	SQ. FT	0	14	69.00	*00
14	EXHIBITS & DEMONSTRAT	SQ. FT	0	1	4.00	4.00	*00	*00	*00
15	OTHER PROGRAMS	SQ. FT	0	1,82	895.00	490	*00	*00	*00
20	STUDENTS	SQ. FT	0	16	77.00	4.80	*00	*00	*00
21	TEACHERS	SQ. FT	0	3	20.00	6.67	*00	*00	*00
22	PROFESSIONAL SERVICES	SQ. FT	0	24	65.00	2.71	*00	*00	*00
33	HUNTING MIGRATORY BIRDS	SQ. FT	0	15	13.00	0.87	*00	*00	*00
31	HUNTING RESIDENT GAME	SQ. FT	0	21	100.00	4.76	*00	*00	*00
34	WILDLIFE OBSERVATION	SQ. FT	0	0	24.00	*00	*00	*00	*00
35	WILDLIFE APPRECIATION	SQ. FT	0	1	5.00	*00	*00	*00	*00
36	PHOTOGRAPHY	SQ. FT	0	1	4.00	*00	*00	*00	*00
38	PUBLIC AFFAIRS	SQ. FT	0	0	52.00	1.00	*00	*00	*00
46	OTHER VICE SKATING, ETC	SQ. FT	0	6	29.00	4.83	*00	*00	*00
56	BANDING	SQ. FT	0	3	13.00	4.33	*00	*00	*00
57	OTHER COOPERATIVE PRGMS	SQ. FT	0	2	11.00	5.50	*00	*00	*00
60	NATURAL ENVRNT PRESRV	SQ. FT	0	245	1139.00	4.67	*00	*00	*00
70	THREATENED SPECIES	SQ. FT	0	7	34.00	4.86	*00	*00	*00
72	WILDLIFE DIVERSITY	SQ. FT	0	36	176.00	4.89	*00	*00	*00
73	WATERFOWL MAINTENANCE	SQ. FT	0	54	264.00	4.89	*00	*00	*00
80	WATERFOWL PRODUCTION	SQ. FT	0	576	2768.00	4.80	*00	*00	*00
	WORK ELEMENT TOTALS/AVRGES	SQ. FT	0	1209	3870.00	3.15	*00	*00	*00
46	SUP-FAC-SE-TRANS NON-F	J1	TOUR RUTES	AS APP	0	14.00	*00	*00	*00
15	OTHER PROGRAMS	AS APP	0	3	139.00	46.30	*00	*00	*00
20	STUDENTS	AS APP	0	0	12.00	4.00	*00	*00	*00
21	TEACHERS	AS APP	0	1	4.00	*00	*00	*00	*00
22	PROFESSIONAL SERVICES	AS APP	0	0	5.00	*00	*00	*00	*00

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FY-73, ALL QUARTERS

FERGUS FALLS W.M.D.

03-3545-00

PROCESSING DATE 12/11/73

WE CODE	WORK ELEMENT	DE CODE	OUTPUT ELEMENT	WE	UNITS ACCOMPLISHED	TOTAL MAN-HOURS	PROCESSING COST	MAN-HOURS PER UNIT	REGULAR PUR. RATE
OPERATION + MAINTENANCE									

3.0	HUNTING MIGRATORY BIRDS	AS APP		0	0	0	\$0.00	\$0.00	\$0.00
31	HUNTING RESTOENT GAME	AS APP		0	0	15.00	\$0.00	\$0.00	\$0.00
35	WILDLIFE APPRECIATION	AS APP		0	0	1.00	\$0.00	\$0.00	\$0.00
38	PUBLIC AFFAIRS	AS APP		0	0	8.00	\$0.00	\$0.00	\$0.00
46	OTHER (ICE SKATING, ETC)	AS APP		0	0	5.00	\$0.00	\$0.00	\$0.00
56	BANDING	AS APP		0	0	2.00	\$0.00	\$0.00	\$0.00
57	OTHER COOPERATIVE PROGS.	AS APP		0	0	1.00	\$0.00	\$0.00	\$0.00
60	NATURAL ENVRT PRESRVD	AS APP		0	0	186.20	\$0.00	\$0.00	\$0.00
70	THREATENED SPECIES	AS APP		0	0	5.00	\$0.00	\$0.00	\$0.00
72	WILDLIFE DIVERSITY	AS APP		0	0	28.00	\$0.00	\$0.00	\$0.00
73	WATERFOWL MAINTENANCE	AS APP		0	0	40.00	\$0.00	\$0.00	\$0.00
80	WATERFOWL PRODUCTION	AS APP		0	0	438.00	\$0.00	\$0.00	\$0.00
WORK ELEMENT TOTALS/AVERAGES									
47	SUP FAC-SKI-WATER			0	0	948.00	\$0.00	\$0.00	\$0.00
11	TRUR ROUTES	AS APP		0	1	3.00	\$0.00	\$0.00	\$0.00
15	CUR. ROUTES	AS APP		0	10	31.00	\$0.00	\$0.00	\$0.00
20	STUDENTS	AS APP		0	0	3.00	\$0.00	\$0.00	\$0.00
21	TEACHERS	AS APP		0	1	1.00	\$0.00	\$0.00	\$0.00
22	PROFESSIONAL SERVICES	AS APP		0	0	2.00	\$0.00	\$0.00	\$0.00
30	HUNTING MIGRATORY BIRDS	AS APP		0	0	3.00	\$0.00	\$0.00	\$0.00
31	HUNTING RESIDENT GAME	AS APP		0	0	3.00	\$0.00	\$0.00	\$0.00
34	WILDLIFE OBSERVATION	AS APP		0	0	1.00	\$0.00	\$0.00	\$0.00
35	PUBLIC AFFAIRS	AS APP		0	0	2.00	\$0.00	\$0.00	\$0.00
46	OTHER (ICE SKATING, ETC)	AS APP		0	0	2.00	\$0.00	\$0.00	\$0.00
57	OTHER COOPERATIVE PROGS.	AS APP		0	0	1.00	\$0.00	\$0.00	\$0.00
60	NATURAL ENVRT PRESRVD	AS APP		0	0	43.00	\$0.00	\$0.00	\$0.00
70	THREATENED SPECIES	AS APP		0	0	1.00	\$0.00	\$0.00	\$0.00
72	WILDLIFE DIVERSITY	AS APP		0	0	7.00	\$0.00	\$0.00	\$0.00
73	WATERFOWL MAINTENANCE	AS APP		0	0	10.00	\$0.00	\$0.00	\$0.00
80	WATERFOWL PRODUCTION	AS APP		0	0	112.00	\$0.00	\$0.00	\$0.00
WORK ELEMENT TOTALS/AVERAGES									
48	SUP FAC-SCI-RESEARCH	AS APP		0	0	35	\$0.00	\$0.00	\$0.00
	WORK ELEMENT TOTALS/AVERAGES	AS APP		0	0	35	\$0.00	\$0.00	\$0.00

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03-3545-00

WE CODE	WE ELEMENT	DE CODE	OUTPUT ELEMENT	WE UNITS	TOTAL UNITS ACCOMPLISHED	MAN-HOURS	TOTAL COST	PROCESSING DATE
								MAN-HOURS PER UNIT
OPERATION + MAINTENANCE								
49	SUP FAC-S&MOTHER	14	TOUR ROUTES	AS APP	4	50.00	.00	
		14	EXHIBITS + DEMONSTRATNS	AS APP	0	2.00	.00	
		15	CTDR PROGRAMS	AS APP	52	622.00	.00	
		20	STUDENTS	AS APP	5	54.00	.00	
		21	TEACHERS	AS APP	1	15.00	.00	
		22	PROFESSIONAL SERVICES	AS APP	4	45.00	.00	
		30	HUNTING MIGRATORY BIRDS*	AS APP	5	52.00	.00	
		31	HUNTING RESIDENT GAME	AS APP	6	69.00	.00	
		34	WILDLIFE OBSERVATION	AS APP	0	2.00	.00	
		35	WILDLIFE APPRECIATION	AS APP	0	4.00	.00	
		36	PHOTOGRAPHY	AS APP	0	4.00	.00	
		38	PUBLIC AFFAIRS	AS APP	4	37.00	.00	
			OTHER (ICE SKATING, ETC)	AS APP	1	19.00	.00	
		46	BANDING	AS APP	1	11.00	.00	
		56	OTHER COOPERATIVE PRGRNS	AS APP	2	7.00	.00	
		62	NATURAL ENVNT PRESVND	AS APP	70	634.00	.00	
		70	THREATENED SPECIES	AS APP	2	24.00	.00	
		72	WILDLIFE DIVERSITY	AS APP	10	124.00	.00	
		73	WATERFOWL MAINTENANCE	AS APP	15	184.00	.00	
		80	WATERFOWL PRODUCTION	AS APP	359	2961.00	.00	
			WORK ELEMENT TOTALS/AVGAGES	AS APP	541	5120.00	.00	
60	SUP SER+PLANNING	11	TOUR ROUTES	NO. PLANS	15	111.00	.00	
		14	EXHIBITS + DEMONSTRATNS	NO. PLANS	0	2.00	.00	
		15	CTDR PROGRAMS	NO. PLANS	90	550.00	.00	
		20	STUDENTS	NO. PLANS	0	0.00	.00	
		21	TEACHERS	NO. PLANS	11	61.00	.00	
		22	PROFESSIONAL SERVICES	NO. PLANS	1	10.00	.00	
		30	HUNTING MIGRATORY BIRDS	NO. PLANS	6	37.00	.00	
		31	HUNTING RESIDENT GAME	NO. PLANS	11	40.00	.00	
		34	WILDLIFE OBSERVATION	NO. PLANS	11	67.00	.00	
		35	WILDLIFE APPRECIATION	NO. PLANS	1	1.00	.00	
		36	PHOTOGRAPHY	NO. PLANS	0	2.00	.00	
		38	PUBLIC AFFAIRS	NO. PLANS	5	29.00	.00	
			OTHER (ICE SKATING, ETC)	NO. PLANS	2	15.00	.00	

NARS COST INFORMATION SYSTEM
WORK ELEMENT COST REPORT
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FINAL FIELD STATION DATA CASE

SYNTHETIC ALL QUARTERS

FIRGUS FALLS M.M.D.

02-3545-00

WE CODE	WORK ELEMENT	DE CODE	OUTPUT ELEMENT	SEGMENT	HR UNITS	UNITS ACCOMPLISHED	MAN-HOURS	TOTAL COST	PROCESSING DATE	
									MANUFACTURING TRANSPORTATION PACKAGING PICKING	
OPERATION & MAINTENANCE										
56	BANDING				0	0	0	\$0.00	*00	
57	OTHER COOPERATIVE PROGS				0	0	0	\$0.00	*00	
59	NATIONAL ENVIRONMENT PRESERVE				0	0	0	\$0.00	*00	
70	THREATENED SPECIES				0	0	0	\$0.00	*00	
72	MIGDLIFE DIVERSITY				0	0	0	\$0.00	*00	
73	NATIONAL NATURISM				0	0	0	\$0.00	*00	
87	WATERFOWL PRODUCTION				0	0	0	\$0.00	*00	
WORK ELEMENT TOTALS/AVGAGES										
61	SUP SER-TRAINING				0	0	0	\$0.00	*00	
11	TOUR ROUTES				0	0	0	\$0.00	*00	
15	OTHER PROGRAMS				0	0	0	\$0.00	*00	
20	STUDENTS				0	0	0	\$0.00	*00	
22	PROFESSIONAL SERVICES				0	0	0	\$0.00	*00	
30	HUNTING MIGRATORY BIRDS				0	0	0	\$0.00	*00	
31	HUNTING RESIDENT GAME				0	0	0	\$0.00	*00	
33	WILDLIFE APPRECIATION				0	0	0	\$0.00	*00	
38	PUBLIC AFFAIRS				0	0	0	\$0.00	*00	
46	OTHER ICE SKATING/ETC				0	0	0	\$0.00	*00	
56	BANDING				0	0	0	\$0.00	*00	
63	NATIONAL ENVIRONMENT PRESERVE				0	0	0	\$0.00	*00	
70	THREATENED SPECIES				0	0	0	\$0.00	*00	
74	WILDLIFE DIVERSITY				0	0	0	\$0.00	*00	
75	WATERFOWL MAINTENANCE				0	0	0	\$0.00	*00	
80	WATERFOWL PRODUCTION				0	0	0	\$0.00	*00	
WORK ELEMENT TOTALS/AVGAGES										
62	SUP SUR-ADMINISTRATION				0	0	0	\$0.00	*00	
11	TOUR ROUTES	AS APP			72	461.00	0.00	\$0.00	*00	
14	EXHIBITS & DEMONSTRNS	AS APP			5	29.00	0.00	\$0.00	*00	
15	OTHER PROGRAMS	AS APP			794	4813.00	0.00	\$0.00	*00	
20	STUDENTS	AS APP			73	439.00	0.00	\$0.00	*00	
21	TEACHERS	AS APP			17	104.00	0.00	\$0.00	*00	
22	PROFESSIONAL SERVICES	AS APP			57	348.00	0.00	\$0.00	*00	
30	HUNTING MIGRATORY BIRDS	AS APP			65	395.00	0.00	\$0.00	*00	
31	HUNTING RESIDENT GAME	AS APP			94	574.00	0.00	\$0.00	*00	
34	WILDLIFE OBSERVATION	AS APP			0	19.00	0.00	\$0.00	*00	

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WF CROS	WORK ELEMENT	OE CODE	OUTPUT ELEMENT	HE HE	UNITS ACCOMPLISHED	TOTAL MAN-HOURS	PROCESSING TOTAL COST	PAN-HOURS PER UNIT	DATE
OPERATION & MAINTENANCE									
35	WILDLIFE APPRECIATION	AS APP	0	0	7	35.00	*00	*00	12/11/73
36	PHOTOGRAPHY	AS APP	0	5	30.00	*00	*00	*00	
38	PUBLIC AFFAIRS	AS APP	0	62	364.00	*00	*00	*00	
46	OTHER (ICE SKATING, ETC)	AS APP	0	25	150.00	*00	*00	*00	
56	BANDING	AS APP	0	12	76.00	*00	*00	*00	
57	OTHER COOPERATIVE PROGS	AS APP	0	9	57.00	*00	*00	*00	
60	NATURAL ENVNT PRESRD	AS APP	0	0	1458	7002.00	*00	*00	
70	THREATENED SPECIES	AS APP	0	39	235.00	*00	*00	*00	
72	WILDLIFE DIVERSITY	AS APP	0	161	981.00	*00	*00	*00	
73	WATERFOWL MAINTENANCE	AS APP	0	240	1453.00	*00	*00	*00	
80	WATERFOWL PRODUCTION	AS APP	0	2500	15723.00	*00	*00	*00	
WORK ELEMENT TOTALS/AVG/RAGES									
63	SUP SER-ENGINEERING	20	STUDENTS	AS APP	0	0	0	0	
			WORK ELEMENT TOTALS/AVG/RAGES	AS APP	0	0	0	0	
74	SUP EQUIP-MNTG EQUIP	11	TOUR ROUTES	MI OPERTD	0	0	0	0	
15	OTHER PROGRAMS	MI OPERTD	0	21	271.00	*00	*00	*00	
20	STUDENTS	MI OPERTD	0	2	25.00	*00	*00	*00	
21	TEACHERS	MI OPERTD	0	0	6.00	*00	*00	*00	
22	PROFESSIONAL SERVICES	MI OPERTD	0	0	21.00	*00	*00	*00	
23	HUNTING MIGRATORY BIRDS	MI OPERTD	0	2	21.00	*00	*00	*00	
31	HUNTING PESTIDENT GAME	MI OPERTD	0	2	30.00	*00	*00	*00	
34	WILDLIFE OBSERVATION	MI OPERTD	0	20	200.00	*00	*00	*00	
35	WILDLIFE APPRECIATION	MI OPERTD	0	2400	1453.00	*00	*00	*00	
36	PUBLIC AFFAIRS	MI OPERTD	0	11	17.00	*00	*00	*00	
45	OTHER (ICE SKATING, ETC)	MI OPERTD	0	41	66.00	*00	*00	*00	
56	BANDING	MI OPERTD	0	0	6.00	*00	*00	*00	
57	OTHER COOPERATIVE PROGS	MI OPERTD	0	0	2400	*00	*00	*00	
60	NATURAL ENVNT PRESRD	MI OPERTD	0	29	364.00	*00	*00	*00	
70	THREATENED SPECIES	MI OPERTD	0	0	11.00	*00	*00	*00	
72	WILDLIFE DIVERSITY	MI OPERTD	0	5	53.00	*00	*00	*00	
73	WATERFOWL MAINTENANCE	MI OPERTD	0	6	82.00	*00	*00	*00	
80	WATERFOWL PRODUCTION	MI OPERTD	0	68	357.00	*00	*00	*00	
WORK ELEMENT TOTALS/AVERAGES									
				0	142	1301.00	*00	*00	

NWRS COST INFORMATION SYSTEM
WORK ELEMENT COST REPORT
WITH OUTPUT ELEMENT DETAIL
FINAL FIELD STATION DATA BASE

FY=73 ALL QUARTERS

FERGUS FALLS W.M.D.

03-3545-00

WE CODE	WORK ELEMENT	DE CODE	OUTPUT ELEMENT	WE CODE	UNITS ACCOMPLISHED	TOTAL MAN-HOURS	PROCESSING DATE	
							PROCESSED NO.	TOTAL COST
OPERATION + MAINTENANCE								
72	SUP EQUIP-FARM EQUIP	11	TOUR ROUTES	HRS OPERTD	1	11.00	00	00
		15	OTHER PROGRAMS	HRS OPERTD	10	120.00	00	00
		20	STUDENTS	HRS OPERTD	00	11.00	00	00
		21	TEACHERS	HRS OPERTD	00	2.00	00	00
		22	PROFESSIONAL SERVICES	HRS OPERTD	00	9.00	00	00
		30	HUNTING MIGRATORY BIRDS	HRS OPERTD	00	9.00	00	00
		31	HUNTING RESIDENT GAME	HRS OPERTD	00	15.00	00	00
		38	PUBLIC AFFAIRS	HRS OPERTD	00	7.00	00	00
		46	OTHER ICE SKATING, ETC	HRS OPERTD	00	4.00	00	00
		56	BANDING	HRS OPERTD	00	2.00	00	00
		57	OTHER COOPERATIVE PROGS	HRS OPERTD	00	2.00	00	00
		60	NATURAL ENVIRNMT PRESRV	HRS OPERTD	00	12.00	00	00
		70	THREATENED SPECIES	HRS OPERTD	00	4.00	00	00
		72	WILDLIFE DIVERSITY	HRS OPERTD	00	24.00	00	00
		73	WATERFOWL MAINTENANCE	HRS OPERTD	00	37.00	00	00
		80	WATERFOWL PRODUCTION	HRS OPERTD	00	6.00	00	00
	WORK ELEMENT TOTALS/AVERAGES				99	602.00	00	00
73	SUP EQUIP-HEAVY EQUIP	15	OTHER PROGRAMS	HRS OPERTD	00	2.00	00	00
		22	PROFESSIONAL SERVICES	HRS OPERTD	00	3.00	00	00
		60	NATURAL ENVIRNMT PRESRV	HRS OPERTD	00	3.00	00	00
		72	WILDLIFE DIVERSITY	HRS OPERTD	00	1.00	00	00
		73	WATERFOWL PRODUCTION	HRS OPERTD	00	7.00	00	00
	WORK ELEMENT TOTALS/AVERAGES				14.00	00	00	00
75	SUP EQUIP-OTH MOTOR EQ	11	TOUR ROUTES	HRS OPERTD	00	3.00	00	00
		14	EXHIBITS - DEMONSTRATIONS	HRS OPERTD	00	1.00	00	00
		15	OTHER PROGRAMS	HRS OPERTD	00	100.00	00	00
		20	STUDENTS	HRS OPERTD	00	9.00	00	00
		21	TEACHERS	HRS OPERTD	00	2.00	00	00
		22	PROFESSIONAL SERVICES	HRS OPERTD	00	2.00	00	00
		30	HUNTING MIGRATORY BIRDS	HRS OPERTD	00	9.00	00	00
		31	HUNTING RESIDENT GAME	HRS OPERTD	00	12.00	00	00
		36	PHOTOGRAPHY	HRS OPERTD	00	1.00	00	00
		38	PUBLIC AFFAIRS	HRS OPERTD	00	5.00	00	00

NWRS COST INFORMATION SYSTEM
WORK ELEMENT COST REPORT
WITH OUTPUT ELEMENT DETAIL
FINAL FIELD STATION DATA BASE

FY73 ALL QUARTERS

FERGUS FALLS W.M.D.

03-3545-00

WE CODE	WORK ELEMENT	OE CODE	OUTPUT ELEMENT	WE CODE	UNITS ACCOMPLISHED	TOTAL MAN-HOURS	PROCESSING DATE	
							TOTAL COST	MAN-HOURS PER UNIT
OPERATION + MAINTENANCE								
46	OTHER (ICE SKATING, ETC)	HRS OPERTD	0	0	0	3.00	\$0.00	\$0.00
56	BANDING	HRS OPERTD	0	0	2.00	\$0.00	\$0.00	\$0.00
57	OTHER COOPERATIVE PROGS	HRS OPERTD	0	0	1.00	\$0.00	\$0.00	\$0.00
60	NATURAL ENVNT PRESRV	HRS OPERTD	0	0	136.00	\$0.00	\$0.00	\$0.00
70	THREATENED SPECIES	HRS OPERTD	0	0	3.00	\$0.00	\$0.00	\$0.00
72	WILDLIFE DIVERSITY	HRS OPERTD	0	0	20.00	\$0.00	\$0.00	\$0.00
73	WATERFOWL MAINTENANCE	HRS OPERTD	0	0	30.00	\$0.00	\$0.00	\$0.00
80	WATERFOWL PRODUCTION	HRS OPERTD	0	0	319.00	\$0.00	\$0.00	\$0.00
WORK ELEMENT TOTALS/AVERAGES				0	669.00	\$0.00	\$0.00	\$0.00
OPERATIONS + MAINTENANCE TOTAL								
10636								
71490.00								
#90.00								
1								

71490.00

1
#90.00

See

"NOTICE"

Policy UPDATE No. 5

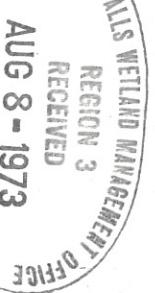
FOR INSTRUCTIONS

RE

PLANNING & ACCOMPLISHMENT

NARRATIVE

NATIONAL WILDLIFE REFUGE SYSTEM
REGION 3
RECEIVED



AUG 8 - 1973

FERGUS FALLS WETLAND MGT DIST
334500 PER

ACT HRS BY MONTH

JAN-72 FEB-72 MAR-72 APR-72 MAY-72 JUN-72 JUL-72 AUG-72 SEP-72 OCT-72 NOV-72 DEC-72

REFUGES	1. <i>Prin</i>	2. <i>PBM</i>	12 MONTH TOTAL
4	165	165	442

ACTIVITY NAME
INTERPRETATION

OTHER PROGRAMS

EDUCATION

STUDENTS RENDERED

PROT SWS RENDERED

LOCATION-WILDLIFE WILDLANDS
HUNTING MIGRATORY BIRDS

DUCKS

GESE

SOME AL WATERFOWL

HUNTING MIG BIRDS-OTHER

HUNTING RESIDENT GAME

UPLAND GAME BIRDS

BIG GAME, DEER-GUN

WHITE-TAILED DEER

BIG GAME, DEER-BOW

WHITE-TAILED DEER

SMALL GAME

OTHER GAME

TRAPPING

FISHING

CLUB CONVENTION DEC

WILDLIFE OBSERVATION

OUTDOOR EDUCATION

WILDLIFE APPLICATION

FOOT

AUTO

PHOTOGRAPHY

PREPARATION WILDLIFE

CAMPING

PICKETING

SKINNING

FREE-RAG VEHICLE

OTHER

TOTAL INTERPRETATION

TOTAL EDUCATION

TOTAL HUNTING

TOTAL FISHING

TOTAL OTHER WILDLIFE RECREATION

FY-73

REFUGES	1. <i>Prin</i>	2. <i>PBM</i>	12 MONTH TOTAL
4	165	165	442


REFUGES
Brian

2 PGM
1 PGM

FY-73

72 AUG-72 SEP-72 OCT-72 NOV-72 DEC-72
 12 MONTH
 TOTAL
 4 PGM

442

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JUN '73 FEB '73 MAR '73 APR '73 MAY '73 JUNE '73 TOTAL FY '73

68 60 167 52 442 56 410 143 219 1175

165

32800 1700 34500 320 320 740 10 20 40 8

5 15 150 120 75 1800 3400 5275 5275

150 600 300 1050 150 200 100 60 100 10

20 120 200 10 2430 2430 2430 2430

25 12 5 3 1845 3 2 10 25 10

150 80 40 20 10 300 10 10 5 40

20 10 10 10 2 67 67 67 67 67

40 60 40 395 395 395 395 395 395

20 30 5 135 135 135 135 135 135

72 AUG-72 SEP-72 OCT-72 NOV-72 DEC-72
 12 MONTH
 TOTAL
 4 PGM

68 60 167 52 442 56 410 143 219 1175

165

32800 1700 34500 320 320 740 10 20 40 8

5 15 150 120 75 1800 3400 5275 5275

150 600 300 1050 150 200 100 60 100 10

20 120 200 10 2430 2430 2430 2430

25 12 5 3 1845 3 2 10 25 10

150 80 40 20 10 300 10 10 5 40

20 10 10 10 2 67 67 67 67 67

40 60 40 395 395 395 395 395 395

20 30 5 135 135 135 135 135 135

72 AUG-72 SEP-72 OCT-72 NOV-72 DEC-72
 12 MONTH
 TOTAL
 4 PGM

68 60 167 52 442 56 410 143 219 1175

165

32800 1700 34500 320 320 740 10 20 40 8

5 15 150 120 75 1800 3400 5275 5275

150 600 300 1050 150 200 100 60 100 10

20 120 200 10 2430 2430 2430 2430

25 12 5 3 1845 3 2 10 25 10

150 80 40 20 10 300 10 10 5 40

20 10 10 10 2 67 67 67 67 67

40 60 40 395 395 395 395 395 395

20 30 5 135 135 135 135 135 135

NATIONAL WILDLIFE REFUGE SYSTEM
PUBLIC USE REPORT

ACT HRS BY MONTH

FWS'S FLS WETLND MGT DST
03-3545-00-FFW

ACTIVITY NAME	JAN-72	FEB-72	MAR-72	APR-72	MAY-72	JUN-72	JUL-72	AUG-72	SEP-72	OCT-72	NOV-72	DEC-72	12 MONTH TOTAL
	TOTAL WILDLIFE ORIENTED	1075	1350	755	318	315	1005	36493	7973	233	49567		
TOTAL NONWILDLIFE ORIENTED	73	108	190	132	122	118	47			135	925		
TOTAL PUBLIC USE	1148	1458	945	450	437	1123	36540	7973	418	50492			
VISITS TO REFUGE	300	500	350	300	350	850	6400	1500	500	13050			

FY 73

PUBLIC AFFAIRS

3 1 3

FY 73

AUG-72 SEP-72 OCT-72 NOV-72 DEC-72

	12 MONTH TOTAL											
315	1005	36493	7973	283	49567	323	236	431	345	737	48761	
122	118	47		135	925	60	35	-	-	-	664	
437	1123	36540	7973	418	50492	383	271	431	345	737	49425	
350	850	6400	1500	500	13050	200	100	30	300	550	200	
											13,280	

3 1 3

TOTAL

JAN '73 FEB '73 MAR '73 APR '73 MAY '73 JUN '73

FY '73

JAN '73 FEB '73 MAR '73 APR '73 MAY '73 JUN '73

FY '73

JAN '73 FEB '73 MAR '73 APR '73 MAY '73 JUN '73

FY '73

JAN '73 FEB '73 MAR '73 APR '73 MAY '73 JUN '73

FY '73

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REFUGE PROGRAM SCHEDULE

**EXPANSION AND RESTORATION
PACKAGES**

*Chart
Difference*

Scratch Sheet

TR Code	Organization Number	Sub.	Name	Pg
1 2 3	4 5 6 7 8 9	10 11 12 13 14 15		
2 1 2 0	3 5			

Categories		Type of Unit	Line Code	Planning	Hiring	Budget	Packages
				FY 73	FY 73	RBA	
PACKAGE				16 17 18 19 20	21-30	31-40	41-50
Number				0 1 0	W N		51-60
Sequence				0 2 0	W S		61-70
Major Program				0 3 0	W P		
CAPITAL INVESTMENT, TOTAL				2 1 0	K C		
Construction				Dollars	1 0 4 K Q		
Buildings - Quarters				Dollars	1 1 3 K G		
Buildings - General (Non-Rec.)				Dollars	1 2 3 K E		
Buildings - Recreational				Dollars	1 3 2 K I		
Buildings - Hatchery				Dollars	1 4 2 K T		
Buildings - Research				Dollars	1 5 6 K W		
Struct. & Improv. - Recreational				Dollars	1 5 7 K S		
Struct. & Improv. - Transportation				Dollars	1 6 8 J I		
Struct. & Improv. - Water				Dollars	1 7 1 J E		
Struct. & Improv. - Research				Dollars	1 7 8 J Q		
Struct. & Improv. - Other				Dollars	1 8 2 J R		
Engineering Services				Dollars	4 1 0 K M		
Other Capital Investment				Dollars	2 2 9 J G		
Equipment				Dollars	2 5 9 K L		
Resource Improvements & Investigations				Dollars	2 6 9 K V		
OPERATION AND MAINTENANCE, TOTAL				(Cols.)	16-20	21-28	29
MANPOWER, TOTAL				MM	1 0 J M	30	31-38
Operations				MM	5 0 1 J P	•	39 40
Supporting Facilities				MM	5 0 2 J T	•	41-48
Supporting Services						•	49 50
Supporting Equipment						•	51-58
EDUCATION						•	59 60
Students						•	61-68
Teachers						•	69 70
Professional Services						•	
Recreation-W/W Oriented						•	
Hunting Migratory Birds						•	
Hunting Resident Game						•	
Fishing						•	
Other Consumptive (Shell, Fruit Pick, etc.)						•	
Wildlife Observation	3 20%					•	
Wildlife Appreciation	80%					•	
Photography						•	
Field Trials						•	
Public Affairs						•	
Recreation - Non W/W Oriented						•	
Camping						•	
Picnicking						•	
Swimming						•	
Boating						•	
Water Skiing						•	
Off-road Vehicling						•	
Other (Ice Skate, Horse Ride, etc.)						•	
Studies & Publications						•	
Studies & Publications	Each	6 5 0 5 5				•	
Cooperative Programs						•	
Ecological Monitoring						•	
Banding						•	
Other Cooperative Programs (Tech, Asst, & Op.)						•	
Environmental Preservation						•	
Natural Environments Preserved	Acres	6 0 N P	36,550			•	
Natural Areas	Area	6 1 N A	320			•	
Wilderness Areas	Area	6 2 N W	2,326,650			•	
Wildlife Production	Area	6 3 N N				•	
Scientific Sites	Area	6 4 N S				•	
Wildlife Maintenance				(Cols.)	16-20	21-30	31-40
Threatened Species							41-50
Special Recognition Species	U/D	6 7 1 M R	3,735,000				51-60
Wildlife Diversity	No. Species	6 7 2 M D	318				61-70
Wildlife Production	U/D	6 7 3 M W	3,263,000				
Waterfowl Production	Ea. Ani.	6 8 0 P W	16,050				
Species Transplanted	Ea. Ani.	6 8 1 P T					
Species Donated	Ea. Ani.	6 8 2 P D					
Economic Benefits							

Annual Budget - 1970																					
Programs		Personnel		Equipment		Facilities		Supplies		Transportation		Research		Hatchery							
Category	Program	Personnel	Expenditure	Equipment	Expenditure	Facilities	Expenditure	Supplies	Expenditure	Transportation	Expenditure	Research	Expenditure	Hatchery	Expenditure						
1.0 - Recreational																					
1.1 - Hatchery	Dollars	1	20	K H																	
1.2 - Research	Dollars	1	22	K R																	
1.3 - Stations	Dollars	1	23	K E																	
1.4 - Improv. - Recreational	Dollars	1	32	K I																	
1.5 - Transportation	Dollars	1	42	K T																	
1.6 - Water	Dollars	1	56	K W																	
1.7 - Improv. - Research	Dollars	1	57	K S																	
1.8 - Other	Dollars	1	68	J I																	
1.9 - Research Services	Dollars	1	71	J E																	
1.10 - Capital Investment	Dollars	1	78	J Q																	
1.11 - General Improvements & Investigations	Dollars	1	82	J R																	
1.12 - AND MAINTENANCE, TOTAL	Dollars	4	10	K M																	
1.13 - TOTAL	Dollars	MM	5	10	J M																
1.14 - Full Time	Dollars	MM	5	01	J P																
1.15 - Facilities Services	Dollars	MM	5	02	J T																
1.16 - Equipment	Dollars	MM	2	79	K P																
1.17 - (Col.s.)	(Col.s.)	16-20	21-28	29	30	31-38	39	40	41-48	49	50	51-58	59	60	61-68	69	70	71-78	79	80	
1.18 - (Col.s.)	(Col.s.)	16-20	21-30	21-30	21-30	31-40	31-40	31-40	31-40	31-40	31-40	31-40	31-40	31-40	31-40	31-40	31-40	31-40	31-40	31-40	
1.19 - ACTIVITIES:																					
1.20 - Demonstrations	Act. Hrs.	6	10	I F																	
1.21 - Programs (Slide, Film, etc.)	Act. Hrs.	6	11	I A																	
1.22 - Observations	Act. Hrs.	6	12	I C																	
1.23 - Appreciation	Act. Hrs.	6	13	I S																	
1.24 - Demonstrations	Act. Hrs.	6	14	I E																	
1.25 - Resident Game	Act. Hrs.	6	15	I X																	
1.26 - Migratory Birds	Act. Hrs.	6	20	E S																	
1.27 - Non W/W Oriented	Act. Hrs.	6	21	E T																	
1.28 - Non W/W Oriented	Act. Hrs.	6	22	E P																	
1.29 - Programs	Act. Hrs.	6	23	R M																	
1.30 - Programs	Act. Hrs.	6	31	R G																	
1.31 - Programs	Act. Hrs.	6	32	R F																	
1.32 - Programs	Act. Hrs.	6	33	R Y																	
1.33 - Programs	Act. Hrs.	6	34	R V																	
1.34 - Programs	Act. Hrs.	6	35	R A																	
1.35 - Programs	Act. Hrs.	6	36	R H																	
1.36 - Programs	Act. Hrs.	6	37	R T																	
1.37 - Publications	Program	6	38	R Q																	
1.38 - Publications	Each	6	50	S S																	
1.39 - Publications	Programs	6	40	R C																	
1.40 - Programs	Act. Hrs.	6	41	R P																	
1.41 - Programs	Act. Hrs.	6	42	R S																	
1.42 - Programs	Act. Hrs.	6	43	R B																	
1.43 - Programs	Act. Hrs.	6	44	R W																	
1.44 - Programs	Act. Hrs.	6	45	R X																	
1.45 - Programs	Act. Hrs.	6	46	R R																	
1.46 - Publications	Each	6	50	S S																	
1.47 - Publications	Program	6	55	C M																	
1.48 - Publications	Program	6	56	C B																	
1.49 - Publications	Program	6	57	C X																	
1.50 - Operative Programs (Tech. Ass't. & Op.)	Program	6	60	N P																	
1.51 - Operative Programs (Tech. Ass't. & Op.)	Program	6	61	N A																	
1.52 - Environmental Preservation	Acre	6	60	N P																	
1.53 - Environments Preserved	Acre	6	61	N A																	
1.54 - Areas	Area	6	62	N W																	
1.55 - Type Sanctuaries	Area	6	63	N N																	
1.56 - Sites	Area	6	64	N S																	
1.57 - Maintenance	(Col.s.)	16-20	21-30	21-30	21-30	31-40	31-40	31-40	31-40	31-40	31-40	31-40	31-40	31-40	31-40	31-40	31-40	31-40	31-40	31-40	
1.58 - Maintenance	U/D	6	70	M T																	
1.59 - Maintenance	U/D	6	71	M R																	
1.60 - Maintenance	No. Species	6	72	M D																	
1.61 - Production	U/D	6	73	M W																	
1.62 - Production	Ea. Ani.	6	80	P W																	
1.63 - Transplanted	Ea. Ani.	6	81																		

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PART A-III

EXPANSION AND RESTORATION PACKAGES

Packages

Scratch Sheet

Buildings - Recreational	Dollars	1 2 0 K H
Buildings - Hatchery	Dollars	1 2 2 K R
Buildings - Research	Dollars	1 2 3 K E
Struc. & Improv. - Recreational	Dollars	1 3 2 K I
Struc. & Improv. - Transportation	Dollars	1 4 2 K T
Struc. & Improv. - Water	Dollars	1 5 6 K W
Struc. & Improv. - Research	Dollars	1 5 7 K S
Struc. & Improv. - Other	Dollars	1 6 8 J I
Engineering Services	Dollars	1 7 1 J E
Other Capital Investment	Dollars	1 7 8 J Q
Equipment	Dollars	1 8 2 J R
Resource Improvements & Investigations	Dollars	
OPERATION AND MAINTENANCE, TOTAL	Dollars	4 1 0 K M
Operations	Dollars	2 2 9 J G
Supporting Facilities	Dollars	2 5 9 K L
Supporting Services	Dollars	2 6 9 K V
Supporting Equipment	Dollars	2 7 9 K P
MANPOWER, TOTAL	(Cols.)	16-20
Permanent Full Time	MM	5 1 0 J M
All Other	MM	5 0 1 J P
	MM	5 0 2 J T
	(Cols.)	16-20
		21-30
OUTPUT CATEGORIES:		31-40
Interpretation		41-50
Trails	Act. Hrs.	6 1 0 I F
Tour Routes	Act. Hrs.	6 1 1 I A
Centers	Act. Hrs.	6 1 2 I C
Contact Stations	Act. Hrs.	6 1 3 I S
Exhibits - Demonstrations	Act. Hrs.	6 1 4 I E
Other Programs (Slide, Film, etc.)	Act. Hrs.	6 1 5 I X
Education	Act. Hrs.	1 4 0 0
Students	Act. Hrs.	6 2 0 E S
Teachers	Act. Hrs.	6 2 1 E T
Professional Services	Act. Hrs.	6 2 2 E P
Recreation-W/W Oriented	Act. Hrs.	4 5
Hunting Migratory Birds	Act. Hrs.	3 4 9 0 0
Hunting Resident Game	Act. Hrs.	1 3 5 0 0
Fishing	Act. Hrs.	7 5 0
Other Consumptive (Shell, Fruit Pick, etc.)	Act. Hrs.	9,043
Wildlife Observation	Act. Hrs.	8 9 0
Wildlife Appreciation	Act. Hrs.	6 0 0
Photography	Act. Hrs.	1 7 7
Field Trials	Act. Hrs.	1 6 7
Public Affairs	Program	7 5
Recreation - Non W/W Oriented	Program	1 6 5
Camping	Act. Hrs.	3 4 9 0 0
Picnicking	Act. Hrs.	1 3 5 0 0
Swimming	Act. Hrs.	6 4 2 R S
Boating	Act. Hrs.	6 4 3 R B
Water Skiing	Act. Hrs.	6 4 4 R W
Off-road Vehicling	Act. Hrs.	6 4 5 R X
Other (Ice Skate, Horse Ride, etc.)	Act. Hrs.	6 4 6 R R
Studies & Publications	Program	8
Studies & Publications	Each	1 8
Cooperative Programs	Program	6 3 8 R Q
Ecological Monitoring	Program	1 0 0 9 0
Banding	Program	1
Other Cooperative Programs (Tech., Asst., & Op.)	Program	1
Environmental Preservation	Acre	3 6,550
Natural Environments Preserved	Area	6 6 1 N A
Wilderness Areas	Area	6 6 2 N W
NWRS - Type Sanctuaries	Area	6 6 3 N N
Scientific Sites	Area	6 6 4 N S
Wildlife Maintenance	(Cols.)	16-20
Threatened Species	U/D	6 7 0 M T
Special Recognition Species	U/D	3 7 3 5 0 0 0
Wildlife Diversity	No. Species	1,877,865
Waterfowl Maintenance	U/D	3 1 8
Wildlife Production	Ea. Ani.	6 8 0 P W
Species Transplanted	Ea. Ani.	1 6,050
Species Donated	Ea. Ani.	6 0 1 P T
Economic Benefits	Ea. Ani.	6 8 2 P D
Depredations Prevented	\$	6 9 0 B D
Forest Products	\$	6 9 2 B H
Haying	\$	6 9 1 B J
Grazing	\$	6 9 3 B G
Furbearers	\$	6 9 4 B F
Surplus Animals	\$	6 9 5 B A
Concessions	\$	6 9 6 B C
Recreation Use Fees	\$	6 9 7 B R
Other (Water Fees, Easement Fees, etc.)	\$	6 9 8 B X
Output Totals (ADP Control)	N/A	7 9 9 X X 7,111,210
PROGRAM ANALYSIS:		
Total Annual Benefits	RBU	8 1 0 X A 84,875,600
Total Annual Cost - All Packages	Dollars	8 2 0 X D 103,520
Total Annual Cost - Restoration Packages	Dollars	8 3 0 X R

Used for Preparation
of Planning & Accomplish Plan

Date Prepared

Region _____ State _____